

S  
331.12  
E10jpm  
1996-2006

# Job Projections for Montana's Industries and Occupations 1996 - 2006



Published August 1998 by the Office of Research and Analysis  
◆◆◆◆◆ Montana Department of Labor and Industry ◆◆◆◆◆

STATE DOCUMENTS COLLECTION

1998 120  
MONTANA STATE LIBRARY  
1515 E. 6th AVE.  
HELENA, MONTANA 59602

## Other Sources of Montana Labor Market Information

### In Publications:

The following publications are available, at no charge, from the Department of Labor and Industry's Office of Research and Analysis:

**Census of Fatal Occupational Injuries**—Includes information on work-related fatalities in Montana and the U.S.

**County labor market information flyers**—Provide information on largest private employers, employment by industry, employment and unemployment statistics, population, per capita income, local information resources, etc. for Montana counties with larger populations.

**Job Projections for Montana's Industries and Occupations**—Presents information developed to help people anticipate which industries and occupations are likely to show job growth in the near future, and which are not.

**Montana Employment and Labor Force Trends**—Presents information on statewide and county labor market information. Information is also included on employment by industry, female employment by industry, average hours and earnings, tally of new business firms, and prevailing wage rates for alien certification.

**Montana labor market information flyer**—Statewide labor market information on largest private employers, employment by industry, employment and unemployment statistics, population, per capita income, etc.

**Montana Occupational Injuries and Illnesses**—Includes information on work-related injuries and illnesses, including accident rates and frequencies by industry.

**Profile of the Montana Worker**—A publication of charts and graphs providing a comprehensive profile of Montana and its labor force.

**Statistics in Brief**—Single page reference which includes data on employment and unemployment by county, labor force and service delivery areas.

**Wage Information publications**—Include informational wage rates by occupation.

### On the State of Montana Electronic Bulletin Board:

Montana labor market information is available on the State of Montana electronic bulletin board at 1-406-444-4851 (from outside Montana) or at 1-800-803-6393 (from inside Montana). A computer and modem are required.

### On the Internet:

The Department of Labor and Industry's Office of Research and Analysis places much of its labor market information on the Internet at <http://jsd.dli.mt.gov/lmi/lmi.htm>. Listings of job openings and State of Montana job vacancies can be found at the State Job Service's self-directed job search system address on the Internet at <http://jsd.dli.mt.gov/>. In addition, Montana job openings are published on America's Job Bank on the Internet World Wide Web Network. Members of the public interested in using the Internet can contact their public libraries, colleges and universities to see if they have Internet access or to find out if there's a commercial service provider in their communities to subscribe and use Internet on a personal computer.

# **Job Projections for Montana's Industries and Occupations 1996 – 2006**



---

**Published August 1998 by the  
Montana Department of Labor & Industry's  
Office of Research & Analysis**

---

**State of Montana  
Marc Racicot, Governor**

**Montana Department of Labor & Industry  
Pat Haffey, Commissioner**

---

**For more information, contact the Office of Research and  
Analysis; P.O. Box 1728; Helena MT 59624**

***<http://jsd.dli.mt.gov/lmi/lmi.htm>***

**406-444-2430 / FAX 406-444-2638**

**Toll free within Montana 800-633-0229**

**Toll free outside Montana 800-541-3904**

**TDD 406-444-0532 or 800-354-8830**

**MONTANA  
Department of  
Labor & Industry**

**Office of  
Research & Analysis**

### **Acknowledgments**

The following Office of Research and Analysis staff members worked together producing this publication:

State Economist Phil Brooks prepared the Montana industry projections with the assistance of State Statistician Bob Liffing—and also wrote the job projections narrative for Montana's industries. Research Specialist Tom Cawley prepared the occupational projections. Julie Huntington edited the publication with the help of Tina Hash.

# Table of Contents



|                                                                                  |    |
|----------------------------------------------------------------------------------|----|
| Introduction .....                                                               | 1  |
| Job Projections Narrative for Montana's Industries, 1996-2006 .....              | 3  |
| Montana Job Projections by Industry Sector and Subsector .....                   | 8  |
| Job Projections Narrative for U.S. Industries, 1996-2006 .....                   | 10 |
| U.S. Job Projections by Industry Sector .....                                    | 11 |
| Job Projections Narrative for Montana's Occupations, 1996-2006 .....             | 12 |
| Montana Job Projections Ranked by Total Growth .....                             | 15 |
| Montana Job Projections Ranked Alphabetically by Occupation (YELLOW PAGES) ..... | 27 |
| Job Projections Narrative for U.S. Occupations, 1996-2006 .....                  | 39 |
| Methodology Used in Making Montana Industry Job Projections .....                | 42 |
| Methodology Factors by Montana Industry Sector and Subsector .....               | 45 |
| Methodology Used in Making Montana Occupational Job Projections .....            | 47 |



# Introduction

## The Need for Job Trend Information

Access to the latest job trend information is crucial to everyone involved in Montana's employment picture. To meet that need, the Department of Labor and Industry's Office of Research and Analysis develops industry and occupational job projections annually to help people anticipate which industries and occupations are likely to show job growth in the near future, and which are not. Businesses, government agencies, educators, researchers, job training program planners, students and job seekers should all benefit.

## 1996—2006 Montana Job Projections

The industry and occupational job projections for Montana featured in this publication were made to the year 2006 based on data from 1996 and previous years, using methodology detailed on pages 42-48. Resulting job numbers are estimated numbers—and all information applies to the state as a whole. Projections were made partly under the assumption that past employment trends will continue, that relationships with other factors such as population will continue, and that our economy's institutional framework will not undergo radical changes.

## Comparable National Information

Some information on national industry and occupational job projections for 1996-2006 is incorporated in this publication so that people can see how Montana's job projections compare with national projections made for the same time period. People interested in seeing more detailed information on national projections should consult the November 1997 issue of the *Monthly Labor Review*, published by the U.S. Department of Labor's Bureau of Labor Statistics or visit the bureau's Internet website at <http://stats.bls.gov/>

## For More Information

If you have questions about information included in this publication, please contact us at the Office of Research and Analysis, Montana Department of Labor and Industry, P.O. Box 1728, Helena, MT 59624, (406) 444-2430 or TDD (406) 444-0532.

The information included in this publication is also accessible on our Internet website at <http://jsd.dli.mt.gov/lmi/lmi.htm>

---

We will do our best to provide information in accessible format, on request, in compliance with the Americans with Disabilities Act.



## **Job Projections for Montana's Industries, 1996-2006**

Although the future is never certain, it is useful to look ahead and try to determine what generally may happen in terms of the number of jobs supported within Montana's economic sectors. Most job growth involves wage and salary jobs; consequently, wage and salary jobs will be emphasized in this narrative. Self-employment jobs are an important part of the Montana economy and also will be highlighted.

Because of the inherent uncertainty in predicting the future, all of the projections presented here should be interpreted as only an approximation of the true level of jobs overall or for a given industry.

### **About 9,400 New Jobs a Year Projected through 2006**

A total of roughly 94,000 jobs, of which 72,000 are estimated to be wage and salary (payroll) jobs, are projected to be created in Montana between 1996 and 2006. This translates to approximately 9,400 jobs, or 1.8 percent growth, per year.

### **Most Job Growth in Services-Producing Sectors**

Most job growth is projected to be in the services-producing segment of the Montana economy, which is comprised of industries that do not produce a physical or tangible product. Much of this growth is projected to be in eating and drinking establishments, health services, business services, social services, public educational services, general merchandise stores, and recreational services—with continuing population growth during the remainder of the 1990s and into the next century acting as the main force behind job increases in those sectors.

### **Job Growth in Goods-Producing Sectors Small but Important**

The goods-producing segment of Montana's economy is forecast to grow by about 5,000 wage and salary jobs, plus a few thousand self-employment jobs, through 2006. Although this growth is much more modest than for service-type sectors, it is nevertheless important. Most of the goods-producing growth (estimated 4,000 payroll jobs and nearly all of the self-employment) is in construction, where job growth is primarily related to population increases and associated housing and commercial building requirements. Durable goods manufacturing (products with an expected life of 3 years or more) may add a total of roughly 3,000 additional goods-producing jobs, in spite of the fact that wood products manufacturing is projected to decline.

Basically, zero job growth overall is projected for nondurable goods manufacturing. This nongrowth is principally because of projected decreases in food products being only balanced by positive growth in most other nondurable manufacturing sectors. Production agriculture, the raising of crops and livestock, is also expected to continue its long decline in job numbers.

Finally, a small decrease in mining jobs is projected over the 1996-2006 time period. Projected declines in oil and gas mining employment as part of a projected national decrease, is the primary reason for the Montana mining employment decline. *Please refer to the table on pages 8-9 for more detailed projections for broadly defined industries as well as for specific industries.*

### **Services Jobs**

Narrowly defined, **services** is a major part of the broader service-producing segment of the Montana economy. It is projected to increase by about 38,000 wage and salary jobs between 1996 and 2006, and by roughly 10,000 self-employment jobs. These increases account for a little more than half the total jobs created over this time period. *(Information in the table on pages 8-9 details the variety of consumer, producer, and professional services included in this category.)*

Within the services sector, **private health services** is expected to increase by about 8,000 payroll jobs as a result of general population growth and the normal aging of Montana's population. Self-employment job growth probably will be in the hundreds.

**Business services** is projected to increase by roughly 7,000 jobs between 1996 and 2006, including self-employment jobs. Major components of this subsector include temporary help agencies that supply workers to various industries, building maintenance services, computer services and equipment rental businesses. Growth in this industry is part of a national trend toward more use of temporary employees and outside contractors for maintenance and other services.

**Private social services** is projected to increase by about 4,000 payroll jobs over the period. This is partly the result of the national trend toward shifting counseling and residential treatment programs away from situations where medical doctors are involved. Social services include nonmedical individual and family social services, nonmedical residential care, child day care services—along with job training and vocational rehabilitation services.

Pieces of the recreation and travel industry are located within the narrowly defined services category, namely **hotels and other lodging places** and **amusement and recreational services**. This latter subsector is projected to increase by approximately 3,000 payroll jobs between 1996 and 2006, with additional self-employment also likely. Hotels and other lodging places is projected to increase by about 2,000 jobs.

The narrowly-defined services category also includes the **engineering and management services** subsector, which is projected to increase by roughly 2,000 payroll jobs through 2006. Probably a thousand or more self-employment jobs will also be created.

### **Retail Trade Jobs**

**Retail trade** is projected to add about 23,000 payroll jobs to Montana's economy between 1996 and 2006, and approximately 4,000 self-employment jobs. This combined increase accounts for 30 percent of the total jobs created.

Two-fifths (about 9,000) of the retail payroll job increase is projected to be in **eating and drinking places** (fast-food outlets, restaurants and bars).

The **motor vehicle dealers, parts, and service stations** retail trade subsector is projected to increase by roughly 4,000 wage and salary jobs. Most of the increase is projected for the **gasoline service stations** component of this subsector.

Wage and salary jobs in **general merchandise stores**, both discount and nondiscount, are projected to increase by about 3,000 over the 1996-2006 time period.

Payroll employment in **retail food stores** is projected to increase by approximately 2,000 jobs. Food stores mostly serve Montana residents, and thus the growth of this subsector is driven by Montana population growth.

**Other retail stores** (e.g., sporting goods, drugstores and gift shops) serve both Montana residents and visitors to the state. The projected payroll job increase for this retail subsector is also about 2,000. Most of the retail self-employment jobs will be created in this portion of retail trade. Other components of retail trade—**building materials and garden supplies stores, home furnishings stores and apparel stores**—are projected to increase by smaller amounts of payroll employment.

### **Construction Jobs**

Most of the growth (4,000 payroll jobs and roughly 3,000 self-employment jobs) in goods-producing industries is projected to be in the **construction** sector. Within construction, the growth area is in both **general building contractors** and **special trade contractors** (e.g., plumbing, heating and electrical) subsectors. **General contractors, except building** (heavy construction) is projected to decline slightly over the 1996-2006 time period, assuming that the recently passed increased federal highway funding is not extended beyond its legislated 6-year time horizon. Also, this sector is tied to a smaller number of specific large projects, such as pipelines, as compared with building construction. This characteristic of heavy construction leads to volatile employment levels.

### **Transportation, Communications and Utilities Jobs**

**Transportation, communications and utilities** services together are projected to increase by about 5,500 payroll jobs and roughly an additional 1,000 jobs for the self-employed. Railroads, and the tiny pipelines subsector are both projected to have employment declines—which is also true nationally. The rest of this segment of the Montana economy is projected to have increased employment, led by the **trucking and warehousing** subsector with a projected increase of 1,600 wage and salary jobs and the majority of the 1,000 self-employment jobs. The **communications** sector will increase in employment because of population growth and the resulting demand for services. Some of the projected decline in **railroad transportation and pipeline jobs** is due to restructuring and substituting capital equipment for labor.

## **Finance, Insurance and Real Estate Jobs**

Finance, insurance, and real estate services combined are forecast to grow by about 2,400 payroll jobs and roughly 3,000 self-employment jobs. Primarily driven by population change, the real estate subsector should show the biggest increase of about 1,000 wage and salary jobs and at least that many self-employment jobs. The insurance agents and services subsector also is projected to grow in both payroll employment and self-employment. Finance is projected to grow very little because of the consolidation that is currently occurring in that industry.

## **Government Jobs**

Between 1996 and the year 2006, government employment is projected to grow at less than half the rate of the economy as a whole (0.7 percent per year vs. 1.8 percent). All components of the government (public services) sector are projected to increase, except for federal jobs. Most job growth will be in the postsecondary and kindergarten through 12th grade components of public education. Population growth is driving employment increases in both these segments of public education.

A total increase of about 1,700 jobs is projected for the 1996-2006 period in the state education (principally postsecondary) sector.

Local government education—which is primarily kindergarten through grade 12, but also includes 3 community colleges—is also projected to increase by approximately 1,700 jobs for an average annual growth rate of 0.7 percent per year, as compared with about 2.0 percent per year for the 1989-1996 time period.

Other local government jobs are projected to increase by about 1,100 through 2006, in response to population growth.

The decline of public sector jobs is projected to come in the federal government, with a projected loss of approximately 200 jobs over the period.

Other state government (noneducation) is projected to increase by roughly 600 jobs over the period 1996 to 2006, or an annual growth rate of 0.5 percent. This growth rate is the lowest for any government component except for federal, which is expected to decline.

## **Manufacturing Jobs**

Durable goods manufacturing is projected to increase by roughly 3,000 jobs in spite of forecasted declines in the wood products (700 jobs) and primary metals processing industries (200 jobs). The durable goods manufacturing increase is projected to come primarily from the manufacture of industrial machinery, sporting goods, gambling equipment and other miscellaneous manufacturing products.

Nondurable manufacturing is projected to decline slightly by 200 jobs. A major component of nondurable manufacturing, food processing, is forecast to decline by roughly 800 to 900 jobs. This projection takes into consideration the opening of a new pasta plant in 1997 in Great Falls. The decline may be related to instate sugar refining, milk processing and

other food manufacturing becoming less competitive. Other nondurable manufacturing subsectors forecast to decline are **petroleum refining, apparel and other fabricated textile products** (closing of Dana Design's backpacking fabrication plants in late 1997) and **paper processing**. Other nondurable manufacturing subsectors are projected to increase over the 1996-2006 time period. The largest increase is anticipated for **printing and publishing**, projected to grow by about 500 jobs, followed by **chemicals**, with a projected increase related to the 1998 opening of the Advanced Silicon Materials plant in Butte, and the planned start-up of an ethanol plant in Great Falls about the year 2000.

### **Wholesale Trade Jobs**

**Wholesale trade**, which primarily provides services to businesses, is projected to increase by about 2,400 jobs. More growth is anticipated for the durable goods component of wholesale trade than the nondurable.

### **Mining Jobs**

The **mining** sector, which includes energy minerals, metals, and nonmetallic minerals, is projected to decline by about 300 jobs between 1996 and 2006. Projected declines in **oil and gas mining** employment as part of a forecasted national decrease, is the primary reason for the Montana mining employment decline. Within mining, the **metal mining** subsector is projected to increase primarily because of the anticipated opening within 5 years of a new platinum/palladium mine in Sweet Grass County. Work on constructing the mine began in 1998. The operating workforce for this mine is estimated at 600, which will more than counterbalance the anticipated closure of the Pegasus gold mines and possibly the Golden Sunlight mine in Jefferson County.

### **Agriculture, Forestry, Fishing, Hunting, and Trapping Jobs**

The **agriculture, forestry and fishing** segment of the goods-producing portion of the Montana economy has been—and still is—dominated by production agriculture, the raising of crops and livestock. **Production agriculture** has experienced employment declines for many decades. Projected to continue, this decline is caused partly by the substitution of machinery and equipment (tractors, etc.) for labor. An additional decrease of 2,200 agricultural wage and salary workers plus 1,300 self-employment jobs is projected for the 1996-2006 period. On the other hand, **agricultural services**, which includes landscape and veterinary services used by private households, is projected to increase in keeping with projected population increases.

### **Specific Job Projections**

Specific job projections for industry sectors and subsectors are included in the table found on the following 2 pages.

An explanation of the methodology used to project jobs begins on page 42.

# MONTANA JOBS BY INDUSTRY

## 1986, 1994, 1995, 1996, and projected 2006

| INDUSTRY                                                 |             |             |             |             |             |             | Average<br>Annual<br>Change<br>1996<br>to 2006 | Annual<br>Growth<br>Rate<br>1996<br>to 2006 |
|----------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------------------------------|---------------------------------------------|
| <i>Wage and Salary Jobs:</i>                             |             |             |             |             |             |             |                                                |                                             |
|                                                          | <b>SIC*</b> | <b>1986</b> | <b>1994</b> | <b>1995</b> | <b>1996</b> | <b>2006</b> |                                                |                                             |
| <b>AGRICULTURE, FORESTRY, FISHING, HUNTING</b>           |             |             |             |             |             |             |                                                |                                             |
| Agricultural Production, Crops & Livestock               | 01 & 02     | 8,225       | 5,990       | 6,796       | 6,754       | 4,574       | (218)                                          | -3.8%                                       |
| Agricultural Services (veterinary, landscape, other)     | 07          | 896         | 1,360       | 1,419       | 1,571       | 2,238       | 67                                             | 3.6%                                        |
| Forestry (tree farms/limber tracts, nurseries, services) | 08          | 222         | 252         | 223         | 235         | 235         | 0                                              | 0.0%                                        |
| Fishing, Hunting, Trapping & Game Propagation            | 09          | 13          | 25          | 26          | 25          | 49          | 2                                              | 7.0%                                        |
| <b>MINING</b>                                            |             |             |             |             |             |             |                                                |                                             |
| Metal Mining                                             | 10          | 1,163       | 2,186       | 2,106       | 2,088       | 2,194       | 11                                             | 0.5%                                        |
| Coal Mining                                              | 12          | 1,327       | 1,033       | 1,014       | 933         | 1,037       | 10                                             | 1.1%                                        |
| Oil and Gas Extraction                                   | 13          | 2,314       | 1,488       | 1,424       | 1,588       | 1,057       | (53)                                           | -4.0%                                       |
| Nonmetallic Minerals, except Fuels                       | 14          | 1,022       | 743         | 738         | 808         | 811         | 0                                              | 0.0%                                        |
| <b>CONSTRUCTION</b>                                      |             |             |             |             |             |             |                                                |                                             |
| General Building Contractors                             | 15          | 2,806       | 4,374       | 4,510       | 4,935       | 6,967       | 203                                            | 3.5%                                        |
| General Contractors, except Building                     | 16          | 2,912       | 3,714       | 3,885       | 3,921       | 3,617       | (30)                                           | -0.8%                                       |
| Special Trade Contractors                                | 17          | 4,472       | 6,895       | 7,710       | 8,294       | 10,572      | 228                                            | 2.5%                                        |
| <b>MANUFACTURING</b>                                     |             |             |             |             |             |             |                                                |                                             |
| Food Products Processing                                 | 20          | 2,785       | 2,608       | 2,538       | 2,568       | 1,704       | (86)                                           | -4.0%                                       |
| Textile Mill Products                                    | 22          | 9           | 6           | 9           | 8           | 8           | 0                                              | 0.0%                                        |
| Apparel and Other Fabricated Textile Products            | 23          | 593         | 615         | 615         | 704         | 594         | (11)                                           | -1.7%                                       |
| Lumber and Wood Products                                 | 24          | 8,235       | 7,572       | 7,228       | 7,178       | 6,434       | (74)                                           | -1.1%                                       |
| Furniture and Fixtures                                   | 25          | 227         | 392         | 411         | 458         | 810         | 35                                             | 5.9%                                        |
| Paper Processing                                         | 26          | 857         | 794         | 808         | 788         | 711         | (8)                                            | -1.0%                                       |
| Printing and Publishing                                  | 27          | 2,418       | 2,936       | 3,030       | 3,026       | 3,567       | 54                                             | 1.7%                                        |
| Chemicals and Allied Products                            | 28          | 656         | 655         | 643         | 547         | 850         | 30                                             | 4.5%                                        |
| Petroleum Refining and Related Industries                | 29          | 861         | 866         | 859         | 972         | 825         | (15)                                           | -1.6%                                       |
| Rubber and Miscellaneous Plastic Products                | 30          | 132         | 300         | 333         | 344         | 479         | 14                                             | 3.4%                                        |
| Leather and Leather Products                             | 31          | 71          | 94          | 90          | 90          | 115         | 3                                              | 2.5%                                        |
| Stone, Clay, Glass and Concrete Products                 | 32          | 1,042       | 1,002       | 1,049       | 1,010       | 1,119       | 11                                             | 1.0%                                        |
| Primary Metal Industries                                 | 33          | 1,210       | 953         | 1,016       | 1,055       | 880         | (18)                                           | -1.8%                                       |
| Fabricated Metal Products                                | 34          | 571         | 637         | 690         | 746         | 911         | 17                                             | 2.0%                                        |
| Industrial Machinery and Equipment                       | 35          | 481         | 1,012       | 1,376       | 1,665       | 3,088       | 142                                            | 6.4%                                        |
| Electronic and Other Electrical Equipment                | 36          | 165         | 239         | 191         | 205         | 271         | 7                                              | 2.8%                                        |
| Transportation Equipment                                 | 37          | 197         | 520         | 545         | 497         | 735         | 24                                             | 4.0%                                        |
| Instruments and Related Products                         | 38          | 131         | 327         | 362         | 423         | 521         | 10                                             | 2.1%                                        |
| Sporting Goods and other Misc. Manufacturing             | 39          | 517         | 1,469       | 1,591       | 1,581       | 2,967       | 139                                            | 6.5%                                        |
| <b>TRANSPORTATION AND UTILITIES</b>                      |             |             |             |             |             |             |                                                |                                             |
| Railroad Transportation Services                         | 40          | 3,700       | 3,253       | 3,274       | 3,226       | 2,958       | (27)                                           | -0.9%                                       |
| Local and Interurban Transit                             | 41          | 1,132       | 1,443       | 1,325       | 1,333       | 1,690       | 36                                             | 2.4%                                        |
| Trucking and Warehousing                                 | 42          | 5,568       | 6,059       | 6,338       | 6,265       | 7,830       | 157                                            | 2.3%                                        |
| Water Transportation                                     | 44          | 18          | 34          | 33          | 33          | 43          | 1                                              | 2.7%                                        |
| Transportation by Air                                    | 45          | 853         | 1,242       | 1,224       | 1,320       | 1,696       | 38                                             | 2.5%                                        |
| Pipelines, except Natural Gas                            | 46          | 97          | 73          | 55          | 89          | 63          | (3)                                            | -3.4%                                       |
| Other Transportation Services                            | 47          | 507         | 809         | 834         | 902         | 1,340       | 44                                             | 4.0%                                        |
| Communications                                           | 48          | 3,942       | 3,405       | 3,424       | 3,545       | 4,828       | 128                                            | 3.1%                                        |
| Telephone communications                                 | 481         | 2,397       | 1,784       | 1,739       | 1,710       | 2,764       | 105                                            | 4.9%                                        |
| Other communications                                     | 482-4, 489  | 1,545       | 1,623       | 1,685       | 1,835       | 2,064       | 23                                             | 1.2%                                        |
| Electric, Gas and Sanitary Services                      | 49          | 4,625       | 4,434       | 4,351       | 4,042       | 4,569       | 53                                             | 1.2%                                        |
| <b>WHOLESALE/RETAIL TRADE</b>                            |             |             |             |             |             |             |                                                |                                             |
| Wholesale Trade, Durable Goods                           | 50          | 8,079       | 9,154       | 9,494       | 9,531       | 10,936      | 141                                            | 1.4%                                        |
| Wholesale Trade, Nondurable Goods                        | 51          | 7,214       | 8,420       | 8,453       | 8,525       | 9,545       | 102                                            | 1.1%                                        |
| Retail Building Materials and Garden Supplies            | 52          | 2,758       | 3,789       | 4,049       | 4,132       | 4,821       | 69                                             | 1.6%                                        |
| General Merchandise Stores                               | 53          | 5,752       | 8,259       | 8,716       | 8,818       | 12,181      | 336                                            | 3.3%                                        |
| Food Stores                                              | 54          | 8,509       | 10,289      | 10,635      | 10,736      | 13,085      | 235                                            | 2.0%                                        |
| Motor Vehicle Dealers and Service Stations               | 55          | 7,730       | 10,330      | 10,653      | 11,306      | 15,311      | 401                                            | 3.1%                                        |
| New and used motor vehicle dealers                       | 551 & 552   | 3,356       | 3,858       | 3,940       | 4,112       | 4,965       | 85                                             | 1.9%                                        |
| Automobile and home supply stores                        | 553         | 990         | 1,462       | 1,547       | 1,647       | 2,092       | 45                                             | 2.4%                                        |
| Gasoline service stations                                | 554         | 3,031       | 4,494       | 4,654       | 4,987       | 7,512       | 253                                            | 4.2%                                        |
| Other vehicle dealers                                    | 555-559     | 353         | 516         | 512         | 560         | 742         | 18                                             | 2.9%                                        |

\*Standard Industrial Classification (NA=Not Available)

Sources: Office of Research and Analysis, Montana Department of Labor and Industry; U.S. Bureau of Economic Analysis for historical self-employment and production agriculture wage and salary employment data

# MONTANA JOBS BY INDUSTRY

## 1986, 1994, 1995, 1996, and projected 2006

| INDUSTRY                                                   |              |         |         |         |         |         | Average<br>Annual<br>Change<br>1996<br>to 2006 | Annual<br>Growth<br>Rate<br>1996<br>to 2006 |
|------------------------------------------------------------|--------------|---------|---------|---------|---------|---------|------------------------------------------------|---------------------------------------------|
| <b>Wage and Salary Jobs:</b>                               |              |         |         |         |         |         |                                                |                                             |
|                                                            | SIC*         | 1986    | 1994    | 1995    | 1996    | 2006    |                                                |                                             |
| Apparel and Accessories Stores                             | 56           | 2,500   | 2,466   | 2,420   | 2,269   | 2,757   | 49                                             | 2.0%                                        |
| Furniture and Home Furnishings Stores                      | 57           | 2,156   | 2,994   | 3,187   | 3,312   | 4,139   | 83                                             | 2.3%                                        |
| Eating and Drinking Places                                 | 58           | 21,727  | 28,920  | 29,999  | 31,012  | 40,176  | 916                                            | 2.6%                                        |
| Other Retail Stores                                        | 59           | 6,030   | 7,829   | 8,055   | 8,341   | 10,620  | 228                                            | 2.4%                                        |
| <b>FINANCE, INSURANCE AND REAL ESTATE</b>                  |              |         |         |         |         |         |                                                |                                             |
| Depository Institutions                                    | 60           | 6,289   | 5,926   | 5,983   | 6,138   | 5,949   | (19)                                           | -0.3%                                       |
| Non-Depository Institutions                                | 61           | 532     | 674     | 650     | 754     | 923     | 17                                             | 2.0%                                        |
| Security and Commodity Brokers                             | 62           | 577     | 732     | 775     | 777     | 1,085   | 31                                             | 3.4%                                        |
| Insurance Carriers                                         | 63           | 1,262   | 1,773   | 1,814   | 1,841   | 2,151   | 31                                             | 1.6%                                        |
| Insurance Agents, Brokers and Services                     | 64           | 1,850   | 2,040   | 2,088   | 2,196   | 2,723   | 53                                             | 2.2%                                        |
| Real Estate Services                                       | 65           | 2,420   | 3,344   | 3,334   | 3,463   | 4,495   | 103                                            | 2.6%                                        |
| Holding and Other Investment Offices                       | 67           | 141     | 679     | 644     | 691     | 893     | 20                                             | 2.6%                                        |
| <b>SERVICES</b>                                            |              |         |         |         |         |         |                                                |                                             |
| Hotels, Motels and Other Lodging Services                  | 70           | 6,881   | 8,404   | 8,984   | 9,212   | 11,025  | 181                                            | 1.8%                                        |
| Personal Services                                          | 72           | 2,581   | 2,749   | 2,747   | 2,769   | 2,900   | 13                                             | 0.5%                                        |
| Business Services (includes employee leasing)              | 73           | 4,681   | 9,303   | 10,935  | 12,481  | 17,918  | 544                                            | 3.7%                                        |
| Auto Repair, Services (inc. rental) & Parking              | 75           | 2,024   | 3,166   | 3,444   | 3,737   | 5,017   | 128                                            | 3.0%                                        |
| Electrical Repair, Welding & Other Misc. Repair            | 76           | 855     | 1,178   | 1,241   | 1,249   | 1,417   | 17                                             | 1.3%                                        |
| Motion Pictures                                            | 78           | 874     | 1,202   | 1,463   | 1,470   | 1,739   | 27                                             | 1.7%                                        |
| Amusement and Recreational Services                        | 79           | 2,718   | 5,947   | 6,271   | 6,704   | 9,986   | 328                                            | 4.1%                                        |
| Health Services, Private                                   | 80           | 21,883  | 30,614  | 31,329  | 32,154  | 40,179  | 803                                            | 2.3%                                        |
| Doctors' offices                                           | 801          | 3,373   | 4,610   | 4,652   | 4,241   | 5,905   | 166                                            | 3.4%                                        |
| Nursing and personal care facilities                       | 805          | 3,505   | 5,436   | 5,359   | 5,107   | 6,276   | 117                                            | 2.1%                                        |
| Hospitals                                                  | 806          | 11,312  | 14,520  | 14,858  | 16,022  | 18,405  | 238                                            | 1.4%                                        |
| Other health services                                      | 802-4, 807-9 | 3,693   | 6,048   | 6,460   | 6,784   | 9,593   | 281                                            | 3.5%                                        |
| Legal Services                                             | 81           | 1,950   | 2,261   | 2,290   | 2,361   | 2,970   | 61                                             | 2.3%                                        |
| Educational Services, Private                              | 82           | 1,808   | 2,499   | 2,830   | 2,778   | 3,249   | 47                                             | 1.6%                                        |
| Social Services, Private                                   | 83           | 4,334   | 8,347   | 8,887   | 9,715   | 13,871  | 416                                            | 3.6%                                        |
| Museums, Botanical, Zoological Gardens                     | 84           | 80      | 202     | 212     | 217     | 290     | 7                                              | 2.9%                                        |
| Membership Organizations, including Tribal                 | 86           | 4,204   | 5,297   | 5,774   | 5,994   | 7,413   | 142                                            | 2.1%                                        |
| Engineering and Management Services                        | 87           | 4,128   | 5,899   | 6,110   | 6,484   | 8,558   | 207                                            | 2.8%                                        |
| Private Households                                         | 88           | 327     | 553     | 585     | 577     | 890     | 31                                             | 4.4%                                        |
| Other Services                                             | 89           | 113     | 128     | 125     | 136     | 183     | 5                                              | 3.0%                                        |
| <b>GOVERNMENT</b>                                          |              |         |         |         |         |         |                                                |                                             |
| Federal Government, Civilian                               |              | 12,670  | 13,604  | 13,218  | 12,867  | 12,674  | (19)                                           | -0.2%                                       |
| State Government                                           |              | 15,589  | 17,886  | 18,382  | 18,970  | 21,271  | 230                                            | 1.2%                                        |
| State Government, Education                                | 82           | NA      | 6,541   | 7,122   | 7,537   | 9,255   | 172                                            | 2.1%                                        |
| State Government, Other                                    |              | NA      | 11,345  | 11,260  | 11,433  | 12,016  | 58                                             | 0.5%                                        |
| Local Government                                           |              | 33,469  | 36,413  | 36,893  | 37,580  | 40,350  | 277                                            | 0.7%                                        |
| Local Government, Education                                | 82           | 21,116  | 23,491  | 23,880  | 24,170  | 25,834  | 166                                            | 0.7%                                        |
| Local Government, Other                                    |              | 12,353  | 12,922  | 13,013  | 13,410  | 14,516  | 111                                            | 0.8%                                        |
| <b>TOTAL WAGE AND SALARY JOBS</b>                          |              | 273,667 | 335,079 | 346,762 | 357,069 | 428,647 | 7,158                                          | 1.8%                                        |
| <b>SELF-EMPLOYMENT JOBS:</b>                               |              |         |         |         |         |         |                                                |                                             |
| Agricultural Production, Crops & Livestock                 | 01 & 02      | 23,755  | 20,865  | 20,364  | 20,092  | 18,782  | (131)                                          | -0.7%                                       |
| Agricultural Services (veterinary, landscape, other)       | 07           | 1,428   | 4,011   | 4,208   | 4,391   | 6,673   | 228                                            | 4.3%                                        |
| Forestry (tree farms/timber tracts, nurseries, services)   | 08           | 975     | 444     | 396     | 401     | 380     | (2)                                            | -0.5%                                       |
| Fishing, Hunting, Trapping & Game Propagation              | 09           | 302     | 413     | 362     | 357     | 373     | 2                                              | 0.4%                                        |
| Other Nonagricultural Sectors                              | 10-89        | 77,217  | 102,577 | 106,380 | 108,654 | 130,339 | 2,169                                          | 1.8%                                        |
| <b>TOTAL JOBS (Both wage/salary &amp; self-employment)</b> |              | 377,344 | 463,389 | 478,472 | 490,964 | 585,194 | 9,423                                          | 1.8%                                        |

\*Standard Industrial Classification (NA=Not Available)

Sources: Office of Research and Analysis, Montana Department of Labor and Industry; U.S. Bureau of Economic Analysis for historical self-employment and production agriculture wage and salary employment data

## **Job Projections for U.S. Industries, 1996-2006**

### **U.S. Employment Projected to Grow by 18.6 Million Jobs**

The U.S. Bureau of Labor Statistics projects total U.S. employment will grow by 18.6 million jobs from 1996-2006. This translates to about 1.3 percent growth per year.

Most job growth is projected to occur in nonfarm, wage and salary jobs. Agricultural jobs are projected to decline overall.

Almost all growth is projected for the service-producing sector—with the construction industry being the only goods-producing sector expected to show job growth.

Within the service-producing sector, two-thirds of the new jobs are projected for the services industry—with more than half of those jobs being in business services and health services.

### **Goods-Producing Industries Projected to Gain about 20,000 Jobs**

Mining: Mining is expected to decline by 131,000 wage and salary jobs in the nation during the 1996-2006 time period because of productivity increases, international competition and global price pressures. More than half of that decline will be in the crude petroleum, natural gas and gas liquids industry, and the oil and gas field services industry. The coal mining industry is projected to decline by 44,000 jobs. The metal mining industry is projected to decline by 14,000 jobs, and the nonmetallic mining industry by 7,000.

Construction: Construction is the only goods-producing sector projected to gain employment. Jobs in that sector are projected to grow by 500,000. Residential construction is expected to moderate due to slowing population growth projected for the 1996-2006 time period. Infrastructure construction is expected to grow.

Manufacturing: Strong output and productivity growth is expected to continue in manufacturing, while employment is projected to decline by 350,000 jobs.

### **Service-Producing Industries Projected to Grow by 17.6 Million Jobs**

Services: More than half the projected growth of 11.3 million jobs within the services sector is expected to be in business services (3.6 million jobs) and health services (3.2 million jobs). Social services should add 1.1 million jobs—and engineering, management and related services, 1.0 million jobs.

Wholesale and retail trade: Wholesale trade is projected to gain 745,000 jobs. Retail trade is projected to add about 2.3 million jobs—1.4 million of them in eating and drinking places.

Government: Government employment is projected to increase overall by 1.7 million jobs, with all of the increase to come in state and local government employment. Federal employment is projected to decline by 87,000 as downsizing continues in that sector.

Transportation: Transportation is projected to gain 691,000 jobs over the 1996-2006 period. Trucking and warehousing is expected to account for 219,000 added jobs—and air transportation to account for 279,000 jobs.

Communications: Communications is projected to increase by about 23,000 jobs.

Finance, insurance and real estate: It is projected that finance, insurance and real estate will decline by 752,000 jobs.

The table below shows the projected growth or decline of jobs within major U.S. industry divisions. More detailed information can be found in the November 1997 issue of the Bureau of Labor Statistics' *Monthly Labor Review* publication or on the bureau's Internet website at <http://stats.bls.gov/>

### U.S. INDUSTRY JOBS 1986, 1996 and Projected to 2006

| Industry                                          | Thousands of Jobs |         |                   | Average Annual Rate of Change |           |
|---------------------------------------------------|-------------------|---------|-------------------|-------------------------------|-----------|
|                                                   | 1986              | 1996    | Projected to 2006 | 1986-1996                     | 1996-2006 |
| Total*                                            | 111,374           | 132,352 | 150,927           | 1.7%                          | 1.3%      |
| Nonfarm wage and salary**                         | 98,727            | 118,731 | 136,318           | 1.9%                          | 1.4%      |
| Goods Producing                                   | 24,538            | 24,431  | 24,451            | 0.0%                          | 0.0%      |
| Mining                                            | 778               | 574     | 443               | -3.0%                         | -2.5%     |
| Construction                                      | 4,810             | 5,400   | 5,900             | 1.2%                          | 0.9%      |
| Manufacturing                                     | 18,951            | 18,457  | 18,108            | -0.3%                         | -0.2%     |
| Durable                                           | 11,200            | 10,766  | 10,514            | -0.4%                         | -0.2%     |
| Nondurable                                        | 7,751             | 7,691   | 7,593             | -0.1%                         | -0.1%     |
| Service Producing                                 | 74,189            | 94,300  | 111,867           | 2.4%                          | 1.7%      |
| Transportation, Communications, Utilities         | 5,247             | 6,260   | 7,111             | 1.8%                          | 1.3%      |
| Wholesale Trade                                   | 5,751             | 6,483   | 7,228             | 1.2%                          | 1.1%      |
| Retail Trade                                      | 17,878            | 21,625  | 23,875            | 1.9%                          | 1.0%      |
| Finance, Insurance, Real Estate                   | 6,275             | 6,899   | 7,651             | 1.0%                          | 1.0%      |
| Services**                                        | 22,346            | 33,586  | 44,852            | 4.2%                          | 2.9%      |
| Federal Government                                | 2,899             | 2,757   | 2,670             | -0.5%                         | -0.3%     |
| State and Local Government                        | 13,794            | 16,690  | 18,480            | 1.9%                          | 1.0%      |
| Agriculture***                                    | 3,327             | 3,642   | 3,618             | 0.9%                          | -0.1%     |
| Private household wage and salary                 | 1,235             | 928     | 775               | -2.8%                         | -1.8%     |
| Nonag self-employed and unpaid family workers**** | 8,085             | 9,051   | 10,216            | 1.1%                          | 1.2%      |

\*Employment data for wage and salary workers is from the BLS Current Employment Statistics (payroll) survey, which counts jobs, whereas self-employed, unpaid family worker, agricultural and private household data is from the Current Population Survey (household survey) that counts workers.

\*\*Excludes SIC 074, 5, 8 (agricultural services) and 99 (nonclassifiable establishments), and is therefore not directly comparable with data published in *Employment and Earnings*.

\*\*\*Excludes government wage and salary workers, and includes private sector SIC 08, 09 (forestry and fisheries).

\*\*\*\*Excludes SIC 08, 09 (forestry and fisheries).

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Monthly Labor Review*, November 1997

# Job Projections for Montana's Occupations, 1996-2006

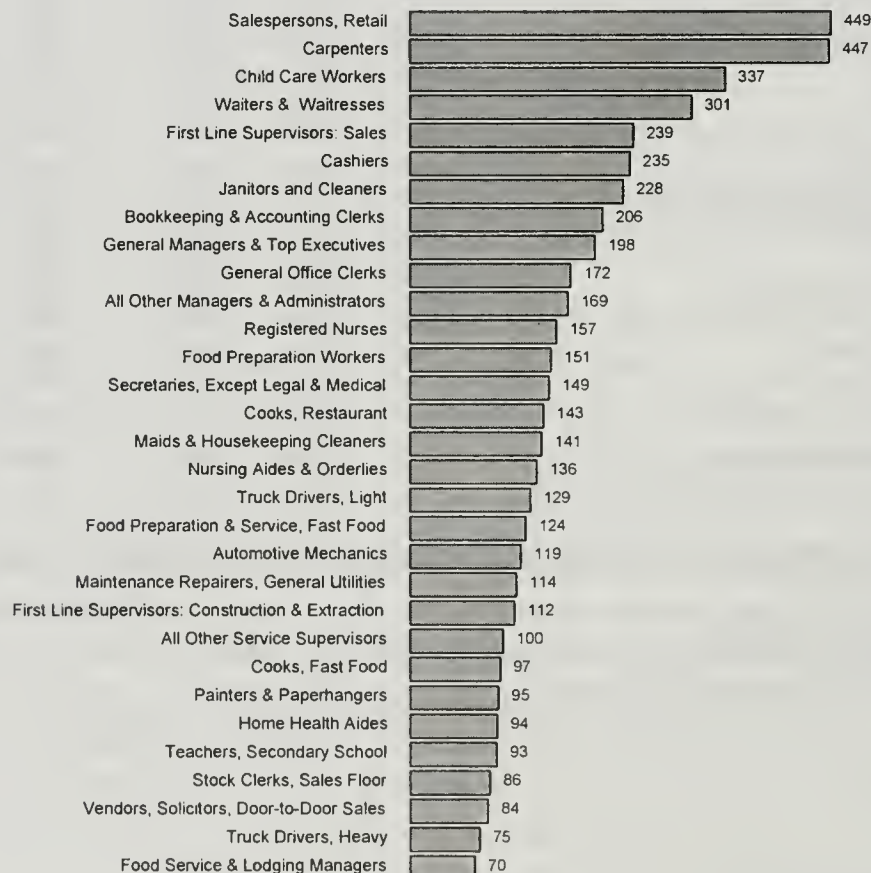
## Occupational Job Projections, 1996-2006

Estimates are for about 196,600 wage and salary and self-employment jobs opening up in Montana from 1996 through 2006. About 94,000 of those jobs will be generated by industry growth in the state. The remaining jobs will be replacement jobs filled by employers after workers leave existing jobs for various reasons. Montana workers can expect to see about 19,700 full- and part-time jobs opening up each year from a combination of industry growth and worker replacement.

## Occupations Projected to Increase from Industry Growth

Services (including health, business and social services) and retail trade (including eating and drinking places) should continue to be the Montana industries generating the most new jobs. Based on this, occupations expected to have the most job growth from 1996-2006 are salespersons, retail; carpenters; child care workers; waiters and waitresses; first line supervisors, sales; cashiers; janitors and cleaners; bookkeeping and accounting clerks; general managers and top executives; general office clerks; all other managers and administrators; registered nurses; food preparation workers; and secretaries, except legal and medical.

Montana's Growing Occupations  
Jobs Gained Annually Due to Industry Growth  
1996-2006  
(Excludes Replacements)



Source: Montana Department of Labor & Industry, Office of Research & Analysis

## Occupations Projected to Show Decline

Among those occupations projected to show job declines due to declining industries and changing technology, the 2 estimated to lose the most jobs in Montana are farm and ranch managers/operators, with an estimated annual loss of 175 jobs a year, and general farm and ranch workers, with an estimated annual loss of 173 jobs a year. Food batchmakers jobs are projected to decline by 10 a year; sawing machine operators/tenders, 9; log handling equipment operators, 8; slaughterers and butchers, 7; roustabouts and service unit operators, 6; and well head pumpers and signal or track switch maintenance workers, 5. Other occupations are projected to show smaller job losses.

## Occupations Increasing Due to Both Growth AND Replacements

In addition to showing occupations in Montana which are growing or declining primarily because of industry changes, the Office of Research and Analysis also projects annual job openings based on growth AND replacements. Growth is the increase in demand for workers in specific occupations—and replacements arise from the need to replace workers leaving the labor force (e.g., due to death, retirement, going home to care for children or a sick relative, taking a job in another state, etc.).

Usually openings resulting from replacement needs are greater than those from increased demand—and more jobs will generally be available in large occupations that experience a need to replace workers rather than in occupations experiencing actual growth in demand. Job openings due to growth AND replacements usually differ from openings due to just growth.

In Montana, the 12 occupations with the largest numbers of projected annual job openings from growth AND replacements are salespersons, retail; waiters and waitresses; carpenters; cashiers; first line supervisors, sales; janitors and cleaners; bookkeeping/accounting/auditing clerks; child care workers; general office clerks; general managers and top executives; food preparation/servers, fast food; and secretaries, except legal and medical.

*The table on the next page shows some of the occupations in Montana increasing due to both growth and replacements.*



The table below shows those occupations adding more than 100 jobs a year through the year 2006 because of both an increase in demand AND the replacement of workers leaving jobs for a variety of reasons.

**Estimated Annual Job Openings Due to  
Growth AND Replacements In Montana  
1996-2006**

| Occupation                                        | Openings Per Year |
|---------------------------------------------------|-------------------|
| Salespersons, Retail                              | 1016              |
| Waiters & Waitresses                              | 715               |
| Carpenters                                        | 712               |
| Cashiers                                          | 576               |
| First Line Supervisors, Sales                     | 493               |
| Janitors & Cleaners                               | 401               |
| Bookkeeping/Accounting/Auditing Clerks            | 400               |
| Child Care Workers                                | 395               |
| General Office Clerks                             | 334               |
| General Managers & Top Executives                 | 328               |
| Food Preparation/Servers, Fast Food               | 327               |
| Secretaries, Except Legal & Medical               | 324               |
| Food Preparation Workers                          | 296               |
| General Farm & Ranch Workers                      | 281               |
| Automotive Mechanics                              | 262               |
| Registered Nurses                                 | 251               |
| All Other Managers & Administrators               | 242               |
| Cooks, Restaurant                                 | 233               |
| First Line Supervisors - Construction, Extracting | 229               |
| Maids and Housekeeping Cleaners                   | 220               |
| Truck Drivers, Light                              | 213               |
| Teachers, Secondary School                        | 212               |
| Truck Drivers, Heavy                              | 211               |
| Bartenders                                        | 200               |
| Nursing Aides & Orderlies                         | 195               |
| Maintenance Repairers, General Utility            | 188               |
| Cooks, Fast Food                                  | 167               |
| Stock Clerks, Sales Floor                         | 165               |
| Teachers, Elementary                              | 165               |
| All Other Service Supervisors                     | 160               |
| Vendors, Solicitors, Door-to-Door                 | 158               |
| Painters and Paperhangers                         | 157               |
| Other Sales Representatives, Except Retail        | 144               |
| First Line Supervisors, Clerical                  | 138               |
| All Other Helpers, Laborers, Movers               | 124               |
| Farm & Ranch Managers/Operators                   | 117               |
| Food Service & Lodging Managers                   | 117               |
| Home Health Aides                                 | 116               |
| Amusement & Recreation Attendants                 | 111               |
| Hairdressers & Cosmetologists                     | 111               |
| Dining Room & Bartender Helpers                   | 111               |
| Receptionists & Information Clerks                | 107               |
| Licensed Practical Nurses                         | 107               |
| Accountants & Auditors                            | 105               |

Source: Montana Department of Labor & Industry's Office of Research & Analysis

### Specific Job Projections by Occupation Presented 2 Different Ways

Please refer to the following pages of data for specific occupational job projection information. Information includes self-employed jobs and is presented 2 different ways for your convenience:

- *FIRST*, occupational job projection information ranked according to total growth is presented on pages 15-26.
- *SECOND*, the same occupation job projection information is presented in alphabetical order, by occupation, on **YELLOW PAGES** 27-38.

**MONTANA OCCUPATIONAL EMPLOYMENT**  
**Job Projections 1996-2006**  
**Ranked by Total Growth (Includes Self-Employed)**

| Occupational Title                                | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|---------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| SALESPERSONS, RETAIL                              | 17,299               | 21,793                                 | 4,494           | 449              | 567                              | 1,016                    |
| CARPENTERS                                        | 12,690               | 17,156                                 | 4,466           | 447              | 265                              | 712                      |
| CHILD CARE WORKERS                                | 8,787                | 12,160                                 | 3,373           | 337              | 58                               | 395                      |
| WAITERS AND WAITRESSES                            | 8,970                | 11,983                                 | 3,013           | 301              | 414                              | 715                      |
| FIRST LINE SUPERVISORS: SALES                     | 15,875               | 18,265                                 | 2,390           | 239              | 254                              | 493                      |
| CASHIERS                                          | 8,556                | 10,907                                 | 2,351           | 235              | 341                              | 576                      |
| JANITORS AND CLEANERS                             | 9,000                | 11,282                                 | 2,282           | 228              | 173                              | 401                      |
| BOOKKEEPING & ACCOUNTING CLERKS                   | 10,646               | 12,707                                 | 2,061           | 206              | 194                              | 400                      |
| GENERAL MANAGERS AND TOP EXECUTIVES               | 8,654                | 10,638                                 | 1,984           | 198              | 130                              | 328                      |
| GENERAL OFFICE CLERKS                             | 9,346                | 11,070                                 | 1,724           | 172              | 162                              | 334                      |
| ALL OTHER MANAGERS & ADMINISTRATORS               | 4,791                | 6,481                                  | 1,690           | 169              | 73                               | 242                      |
| REGISTERED NURSES                                 | 6,884                | 8,458                                  | 1,574           | 157              | 94                               | 251                      |
| FOOD PREPARATION WORKERS                          | 4,836                | 6,349                                  | 1,513           | 151              | 145                              | 296                      |
| SECRETARIES, EXCEPT LEGAL & MEDICAL               | 8,111                | 9,603                                  | 1,492           | 149              | 175                              | 324                      |
| COOKS, RESTAURANT                                 | 3,545                | 4,971                                  | 1,426           | 143              | 90                               | 233                      |
| MAIDS AND HOUSEKEEPING CLEANERS                   | 5,582                | 6,991                                  | 1,409           | 141              | 79                               | 220                      |
| NURSING AIDES AND ORDERLIES                       | 5,161                | 6,516                                  | 1,355           | 136              | 59                               | 195                      |
| TRUCK DRIVERS, LIGHT                              | 5,178                | 6,465                                  | 1,287           | 129              | 84                               | 213                      |
| FOOD PREPARATION & SERVICE, FAST FOOD             | 6,789                | 8,028                                  | 1,239           | 124              | 203                              | 327                      |
| AUTOMOTIVE MECHANICS                              | 5,058                | 6,245                                  | 1,187           | 119              | 143                              | 262                      |
| MAINTENANCE REPAIRERS, GENERAL UTILITIES          | 4,783                | 5,920                                  | 1,137           | 114              | 74                               | 188                      |
| FIRST LINE SUPERVISORS: CONSTRUCTION & EXTRACTION | 5,095                | 6,210                                  | 1,115           | 112              | 117                              | 229                      |
| ALL OTHER SERVICE SUPERVISORS                     | 3,667                | 4,670                                  | 1,003           | 100              | 60                               | 160                      |
| COOKS, FAST FOOD                                  | 2,758                | 3,724                                  | 966             | 97               | 70                               | 167                      |
| PAINTERS AND PAPERHANGERS                         | 2,842                | 3,794                                  | 952             | 95               | 62                               | 157                      |
| HOME HEALTH AIDES                                 | 1,870                | 2,810                                  | 940             | 94               | 22                               | 116                      |
| TEACHERS, SECONDARY SCHOOL                        | 5,421                | 6,349                                  | 928             | 93               | 119                              | 212                      |
| STOCK CLERKS, SALES FLOOR                         | 3,575                | 4,437                                  | 862             | 86               | 79                               | 165                      |
| VENDORS, SOLICITORS, DOOR-TO-DOOR SALES           | 2,701                | 3,537                                  | 836             | 84               | 74                               | 158                      |
| TRUCK DRIVERS, HEAVY                              | 8,313                | 9,063                                  | 750             | 75               | 136                              | 211                      |
| FOOD SERVICE & LODGING MANAGERS                   | 3,140                | 3,837                                  | 697             | 70               | 47                               | 117                      |
| LICENSED PRACTICAL NURSES                         | 2,792                | 3,459                                  | 667             | 67               | 40                               | 107                      |
| DEMONSTRATORS, PROMOTERS, MODELS                  | 359                  | 1,010                                  | 651             | 65               | 13                               | 78                       |
| PERSONAL HOME CARE AIDES                          | 1,638                | 2,274                                  | 636             | 64               | 17                               | 81                       |
| AMUSEMENT & RECREATION ATTENDANTS                 | 1,441                | 2,067                                  | 626             | 63               | 48                               | 111                      |
| FIRST LINE SUPERVISORS: CLERICAL                  | 3,330                | 3,955                                  | 625             | 63               | 75                               | 138                      |
| RECEPTIONISTS & INFORMATION CLERKS                | 2,808                | 3,428                                  | 620             | 62               | 45                               | 107                      |
| ACCOUNTANTS AND AUDITORS                          | 3,274                | 3,869                                  | 595             | 60               | 45                               | 105                      |
| INSTRUCTORS, NONVOCATIONAL EDUCATION              | 3,016                | 3,605                                  | 589             | 59               | 12                               | 71                       |
| ALL OTHER ASSEMBLERS, FABRICATORS                 | 1,573                | 2,146                                  | 573             | 57               | 25                               | 82                       |
| OTHER SALES REPS, EXCEPT RETAIL                   | 4,066                | 4,633                                  | 567             | 57               | 87                               | 144                      |
| GUARDS                                            | 1,493                | 2,036                                  | 543             | 54               | 28                               | 82                       |
| HAIRDRESSERS AND COSMETOLOGISTS                   | 4,302                | 4,833                                  | 531             | 53               | 58                               | 111                      |
| INSTRUCTORS AND COACHES, SPORTS                   | 1,748                | 2,249                                  | 501             | 50               | 7                                | 57                       |
| TEACHERS, SPECIAL EDUCATION                       | 1,158                | 1,651                                  | 493             | 49               | 12                               | 61                       |
| COOKS, SHORT ORDER                                | 1,441                | 1,919                                  | 478             | 48               | 36                               | 84                       |
| GARDENERS & GROUNDSKEEPERS, EXCEPT FARM           | 1,234                | 1,698                                  | 464             | 46               | 26                               | 72                       |
| TEACHERS, ELEMENTARY                              | 7,058                | 7,519                                  | 461             | 46               | 119                              | 165                      |
| BARTENDERS                                        | 4,632                | 5,066                                  | 434             | 43               | 157                              | 200                      |
| SALESPERSONS, PARTS                               | 1,652                | 2,067                                  | 415             | 42               | 50                               | 92                       |
| TEACHERS, PRESCHOOL & KINDERGARTEN                | 1,433                | 1,847                                  | 414             | 41               | 11                               | 52                       |
| SERVICE STATION ATTENDANTS                        | 1,382                | 1,789                                  | 407             | 41               | 58                               | 99                       |
| RESIDENTIAL COUNSELORS                            | 952                  | 1,356                                  | 404             | 40               | 15                               | 55                       |
| VEHICLE, EQUIPMENT CLEANERS                       | 1,218                | 1,617                                  | 399             | 40               | 20                               | 60                       |

\*Numbers may not add due to rounding

**MONTANA OCCUPATIONAL EMPLOYMENT**  
**Job Projections 1996-2006**  
**Ranked by Total Growth (Includes Self-Employed)**

| Occupational Title                                     | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|--------------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| SALES AGENTS, REAL ESTATE                              | 2,584                | 2,977                                  | 393             | 39               | 40                               | 79                       |
| COUNTER AND RENTAL CLERKS                              | 1,418                | 1,810                                  | 392             | 39               | 28                               | 67                       |
| DINING ROOM & BARTENDER HELPERS                        | 1,459                | 1,849                                  | 390             | 39               | 72                               | 111                      |
| SHIPPING & RECEIVING CLERKS                            | 1,996                | 2,379                                  | 383             | 38               | 25                               | 63                       |
| ELECTRICIANS                                           | 1,895                | 2,275                                  | 380             | 38               | 36                               | 74                       |
| INSURANCE SALES WORKERS                                | 2,474                | 2,851                                  | 377             | 38               | 51                               | 89                       |
| ALL OTHER HELPERS, LABORERS, MOVERS                    | 3,887                | 4,239                                  | 352             | 35               | 89                               | 124                      |
| HOTEL DESK CLERKS                                      | 1,411                | 1,763                                  | 352             | 35               | 50                               | 85                       |
| TEACHER AIDES & EDUCATIONAL ASSISTANTS                 | 1,382                | 1,725                                  | 343             | 34               | 13                               | 47                       |
| BUS DRIVERS, SCHOOL                                    | 1,880                | 2,220                                  | 340             | 34               | 23                               | 57                       |
| TYPISTS, INCLUDING WORD PROCESSING                     | 1,387                | 1,727                                  | 340             | 34               | 23                               | 57                       |
| ALL OTHER SERVICE WORKERS                              | 1,186                | 1,520                                  | 334             | 33               | 13                               | 46                       |
| ARTISTS AND COMMERCIAL ARTISTS                         | 1,266                | 1,589                                  | 323             | 32               | 21                               | 53                       |
| WELDERS AND CUTTERS                                    | 1,180                | 1,491                                  | 311             | 31               | 30                               | 61                       |
| SALES AGENTS, ADVERTISING                              | 1,016                | 1,325                                  | 309             | 31               | 16                               | 47                       |
| FINANCIAL MANAGERS                                     | 1,546                | 1,855                                  | 309             | 31               | 22                               | 53                       |
| HELPERS, CARPENTERS                                    | 802                  | 1,108                                  | 306             | 31               | 30                               | 61                       |
| ANIMAL CARETAKERS, EXCEPT FARM                         | 808                  | 1,111                                  | 303             | 30               | 14                               | 44                       |
| PLUMBERS, PIPE FITTERS, STEAMFITTERS                   | 1,475                | 1,773                                  | 298             | 30               | 33                               | 63                       |
| HAND PACKERS AND PACKAGERS                             | 1,233                | 1,530                                  | 297             | 30               | 26                               | 56                       |
| CORRECTION OFFICERS AND JAILERS                        | 642                  | 934                                    | 292             | 29               | 7                                | 36                       |
| PSYCHOLOGISTS                                          | 1,127                | 1,419                                  | 292             | 29               | 7                                | 36                       |
| TITLE EXAMINERS AND ABSTRACTORS                        | 509                  | 787                                    | 278             | 28               | 2                                | 30                       |
| STOCK CLERKS: STOCKROOM OR WAREHOUSE                   | 1,481                | 1,758                                  | 277             | 28               | 33                               | 61                       |
| DENTISTS                                               | 1,012                | 1,286                                  | 274             | 27               | 22                               | 49                       |
| WHOLESALE, RETAIL BUYERS, EXCEPT FARM PRODUCTS         | 1,390                | 1,663                                  | 273             | 27               | 38                               | 65                       |
| SOCIAL WORKERS, EXCEPT MEDICAL & PSYCHIATRIC           | 1,179                | 1,450                                  | 271             | 27               | 11                               | 38                       |
| HUMAN SERVICES WORKERS                                 | 743                  | 1,002                                  | 259             | 26               | 7                                | 33                       |
| HOSTS & HOSTESSES: RESTAURANT, LOUNGE                  | 730                  | 968                                    | 238             | 24               | 12                               | 36                       |
| MARKETING, ADVERTISING, PUBLIC RELATIONS MGRS.         | 718                  | 954                                    | 236             | 24               | 12                               | 36                       |
| SECURITIES, FINANCIAL SERVICES SALES                   | 974                  | 1,208                                  | 234             | 23               | 12                               | 35                       |
| FIRST LINE SUPERVISORS: MECHANICAL & REPAIRERS         | 1,230                | 1,460                                  | 230             | 23               | 36                               | 59                       |
| ROOFERS                                                | 749                  | 974                                    | 225             | 23               | 11                               | 34                       |
| DESIGNERS, EXCEPT INTERIOR DESIGN                      | 1,267                | 1,492                                  | 225             | 23               | 17                               | 40                       |
| BUS, TRUCK, DIESEL ENGINE MECHANICS                    | 1,429                | 1,651                                  | 222             | 22               | 36                               | 58                       |
| AUTOMOTIVE BODY, RELATED REPAIRERS                     | 1,692                | 1,913                                  | 221             | 22               | 40                               | 62                       |
| TEACHERS AIDES, PARAPROFESSIONAL                       | 1,010                | 1,230                                  | 220             | 22               | 10                               | 32                       |
| TRAVEL AGENTS                                          | 635                  | 849                                    | 214             | 21               | 12                               | 33                       |
| TIRE REPAIRERS AND CHANGERS                            | 610                  | 822                                    | 212             | 21               | 25                               | 46                       |
| SALES AGENTS, BUSINESS SERVICES                        | 652                  | 861                                    | 209             | 21               | 10                               | 31                       |
| LAWYERS                                                | 3,828                | 4,037                                  | 209             | 21               | 51                               | 72                       |
| COMPUTER PROGRAMMERS                                   | 768                  | 975                                    | 207             | 21               | 18                               | 39                       |
| LEGAL SECRETARIES                                      | 693                  | 899                                    | 206             | 21               | 15                               | 36                       |
| MEDICINE AND HEALTH SERVICE MANAGERS                   | 790                  | 995                                    | 205             | 21               | 12                               | 33                       |
| LAUNDRY, DRY-CLEANING MACHINE OPERATORS                | 991                  | 1,195                                  | 204             | 20               | 19                               | 39                       |
| PERSONNEL, TRAINING, LABOR RELATIONS SPECIALISTS       | 915                  | 1,119                                  | 204             | 20               | 13                               | 33                       |
| ALL OTHER SALES & RELATED OCCUPATIONS                  | 698                  | 900                                    | 202             | 20               | 25                               | 45                       |
| ALL OTHER HEALTH PROFESSIONALS, PARAPROF., TECHNICIANS | 738                  | 934                                    | 196             | 20               | 9                                | 29                       |
| MACHINISTS                                             | 680                  | 875                                    | 195             | 20               | 15                               | 35                       |
| ALL OTHER PROFESSIONALS, PARAPROF., TECHNICIANS        | 1,217                | 1,410                                  | 193             | 19               | 22                               | 41                       |
| ARCHITECTS, EXCEPT LAND & MARINE                       | 584                  | 776                                    | 192             | 19               | 8                                | 27                       |
| HEATING, A/C, REFRIGERATION MECHANICS                  | 842                  | 1,033                                  | 191             | 19               | 14                               | 33                       |
| TEACHERS, VOCATIONAL EDUCATION                         | 932                  | 1,123                                  | 191             | 19               | 4                                | 23                       |
| SEWING MACHINE OPERATORS, NON-GARMENT                  | 344                  | 530                                    | 186             | 19               | 7                                | 26                       |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked by Total Growth (Includes Self-Employed)

| Occupational Title                        | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|-------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| WOODWORKING MACHINE OPERATORS             | 642                  | 828                                    | 186             | 19               | 17                               | 36                       |
| DRAFTERS                                  | 644                  | 829                                    | 185             | 19               | 18                               | 37                       |
| VETERINARIANS & VETERINARIAN INSPECTORS   | 490                  | 674                                    | 184             | 18               | 9                                | 27                       |
| BILLING, COST AND RATE CLERKS             | 1,145                | 1,326                                  | 181             | 18               | 33                               | 51                       |
| DATA ENTRY KEYERS, EXCEPT COMPOSING       | 667                  | 845                                    | 178             | 18               | 5                                | 23                       |
| BAKERS, BREAD AND PASTRY                  | 809                  | 986                                    | 177             | 18               | 20                               | 38                       |
| TRANSPORTATION AGENTS                     | 613                  | 789                                    | 176             | 18               | 11                               | 29                       |
| TELEPHONE & CABLE TV INSTALLERS/REPAIRERS | 584                  | 758                                    | 174             | 17               | 13                               | 30                       |
| ALL OTHER HAND WORKERS                    | 799                  | 971                                    | 172             | 17               | 16                               | 33                       |
| MEDICAL SECRETARIES                       | 696                  | 868                                    | 172             | 17               | 15                               | 32                       |
| DENTAL ASSISTANTS                         | 739                  | 909                                    | 170             | 17               | 18                               | 35                       |
| LAWN MAINTENANCE WORKERS                  | 370                  | 539                                    | 169             | 17               | 8                                | 25                       |
| COOKS, INSTITUTION OR CAFETERIA           | 1,583                | 1,752                                  | 169             | 17               | 40                               | 57                       |
| PUBLIC RELATIONS SPECIALISTS              | 543                  | 712                                    | 169             | 17               | 10                               | 27                       |
| SYSTEMS ANALYSTS                          | 494                  | 662                                    | 168             | 17               | 3                                | 20                       |
| ELECTRICAL & ELECTRONIC TECHNICIANS       | 523                  | 688                                    | 165             | 17               | 6                                | 23                       |
| PARALEGALS                                | 340                  | 502                                    | 162             | 16               | 1                                | 17                       |
| PHYSICIANS                                | 1,541                | 1,698                                  | 157             | 16               | 26                               | 42                       |
| SWITCHBOARD OPERATORS                     | 580                  | 735                                    | 155             | 16               | 15                               | 31                       |
| WRITERS AND EDITORS                       | 1,138                | 1,292                                  | 154             | 15               | 14                               | 29                       |
| MECHANICAL ENGINEERING TECHNICIANS        | 239                  | 392                                    | 153             | 15               | 3                                | 18                       |
| PHARMACISTS                               | 657                  | 807                                    | 150             | 15               | 9                                | 24                       |
| ALL OTHER HAND MATERIAL MOVERS            | 2,044                | 2,191                                  | 147             | 15               | 78                               | 93                       |
| CONCRETE AND TERRAZZO FINISHERS           | 583                  | 723                                    | 140             | 14               | 17                               | 31                       |
| FOOD SERVERS                              | 513                  | 653                                    | 140             | 14               | 38                               | 52                       |
| SALES REPS, SCIENTIFIC & RELATED          | 716                  | 853                                    | 137             | 14               | 15                               | 29                       |
| TAXI DRIVERS AND CHAUFFEURS               | 441                  | 574                                    | 133             | 13               | 3                                | 16                       |
| ALL OTHER MECHANICS, INSTALLERS           | 691                  | 824                                    | 133             | 13               | 9                                | 22                       |
| BUTCHERS AND MEAT CUTTERS                 | 580                  | 712                                    | 132             | 13               | 16                               | 29                       |
| CIVIL ENGINEERS, INCLUDING TRAFFIC        | 921                  | 1,053                                  | 132             | 13               | 22                               | 35                       |
| FIRST LINE SUPERVISORS: PRODUCTION        | 1,031                | 1,162                                  | 131             | 13               | 30                               | 43                       |
| PHYSICAL THERAPISTS                       | 633                  | 764                                    | 131             | 13               | 9                                | 22                       |
| BILL AND ACCOUNT COLLECTORS               | 550                  | 680                                    | 130             | 13               | 5                                | 18                       |
| ALL OTHER FOOD SERVICE WORKERS            | 444                  | 573                                    | 129             | 13               | 16                               | 29                       |
| MECHANICAL ENGINEERS                      | 354                  | 481                                    | 127             | 13               | 7                                | 20                       |
| CABINETMAKERS & BENCH CARPENTERS          | 990                  | 1,116                                  | 126             | 13               | 23                               | 36                       |
| ANNOUNCERS, RADIO AND TV                  | 348                  | 474                                    | 126             | 13               | 12                               | 25                       |
| SOCIAL WORKERS, MEDICAL & PSYCHIATRIC     | 549                  | 675                                    | 126             | 13               | 5                                | 18                       |
| EMERGENCY MEDICAL TECHNICIANS             | 487                  | 609                                    | 122             | 12               | 6                                | 18                       |
| ALL OTHER CLEANING, BUILDING SERVICE      | 957                  | 1,077                                  | 120             | 12               | 17                               | 29                       |
| MEDICAL ASSISTANTS                        | 485                  | 602                                    | 117             | 12               | 6                                | 18                       |
| ORDER FILLERS, SALES                      | 742                  | 857                                    | 115             | 12               | 15                               | 27                       |
| COUNSELORS                                | 623                  | 738                                    | 115             | 12               | 10                               | 22                       |
| COUNTER ATTENDANTS                        | 652                  | 766                                    | 114             | 11               | 49                               | 60                       |
| ORDER CLERKS: MATERIALS, SERVICE          | 405                  | 517                                    | 112             | 11               | 8                                | 19                       |
| ALL OTHER MANAGEMENT SUPPORT WORKERS      | 1,112                | 1,224                                  | 112             | 11               | 17                               | 28                       |
| COST ESTIMATORS                           | 504                  | 615                                    | 111             | 11               | 5                                | 16                       |
| MEDICAL/CLINICAL LABORATORY TECHNOLOGISTS | 508                  | 618                                    | 110             | 11               | 8                                | 19                       |
| MECHANIC AND REPAIRER HELPERS             | 532                  | 641                                    | 109             | 11               | 16                               | 27                       |
| INSURANCE POLICY PROCESSING CLERKS        | 519                  | 626                                    | 107             | 11               | 13                               | 24                       |
| EDUCATION ADMINISTRATORS                  | 1,554                | 1,661                                  | 107             | 11               | 34                               | 45                       |
| PROPERTY & REAL ESTATE MANAGERS           | 783                  | 889                                    | 106             | 11               | 9                                | 20                       |
| ELECTRICAL & ELECTRONIC ENGINEERS         | 380                  | 485                                    | 105             | 11               | 8                                | 19                       |
| MAIL CLERKS, EXCEPT MAIL MACHINE          | 420                  | 521                                    | 101             | 10               | 14                               | 24                       |

\*Numbers may not add due to rounding.

**MONTANA OCCUPATIONAL EMPLOYMENT**  
**Job Projections 1996-2006**  
**Ranked by Total Growth (Includes Self-Employed)**

| Occupational Title                               | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|--------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| HIGHWAY MAINTENANCE WORKERS                      | 732                  | 832                                    | 100             | 10               | 9                                | 19                       |
| INSURANCE ADJUSTERS & INVESTIGATORS              | 325                  | 424                                    | 99              | 10               | 2                                | 12                       |
| REPORTERS AND CORRESPONDENTS                     | 453                  | 552                                    | 99              | 10               | 6                                | 16                       |
| SHEET METAL WORKERS                              | 350                  | 448                                    | 98              | 10               | 9                                | 19                       |
| GRADUATE ASSISTANTS, TEACHING                    | 839                  | 937                                    | 98              | 10               | 23                               | 33                       |
| MANAGEMENT ANALYSTS                              | 524                  | 621                                    | 97              | 10               | 5                                | 15                       |
| INSPECTORS & COMPLIANCE OFFICERS                 | 830                  | 925                                    | 95              | 10               | 13                               | 23                       |
| DENTAL HYGIENISTS                                | 390                  | 484                                    | 94              | 9                | 5                                | 14                       |
| ADMINISTRATIVE SERVICE MANAGERS                  | 448                  | 542                                    | 94              | 9                | 7                                | 16                       |
| ADJUSTMENT CLERKS                                | 360                  | 453                                    | 93              | 9                | 2                                | 11                       |
| PURCHASING MANAGERS                              | 465                  | 558                                    | 93              | 9                | 8                                | 17                       |
| FOREST AND CONSERVATION WORKERS                  | 772                  | 863                                    | 91              | 9                | 20                               | 29                       |
| HOUSEKEEPING SUPERVISORS                         | 395                  | 485                                    | 90              | 9                | 9                                | 18                       |
| BROADCAST TECHNICIANS                            | 274                  | 363                                    | 89              | 9                | 5                                | 14                       |
| RECREATION WORKERS                               | 351                  | 440                                    | 89              | 9                | 4                                | 13                       |
| INTERIOR DESIGNERS                               | 340                  | 428                                    | 88              | 9                | 5                                | 14                       |
| ENGINEERING, MATH., NATURAL SCIENCE MANAGERS     | 502                  | 590                                    | 88              | 9                | 8                                | 17                       |
| NURSERY WORKERS                                  | 469                  | 556                                    | 87              | 9                | 14                               | 23                       |
| COMMUNICATION, TRANSPORTATION, UTILITY MANAGERS  | 391                  | 478                                    | 87              | 9                | 6                                | 15                       |
| ALL OTHER PRECISION WORKERS                      | 99                   | 184                                    | 85              | 9                | 3                                | 12                       |
| INTERVIEWING CLERKS, EXCEPT PERSONNEL            | 317                  | 402                                    | 85              | 9                | 9                                | 18                       |
| CONSTRUCTION MANAGERS                            | 388                  | 473                                    | 85              | 9                | 6                                | 15                       |
| ALL OTHER HEALTH SERVICE WORKERS                 | 379                  | 463                                    | 84              | 8                | 3                                | 11                       |
| CENTRAL OFFICE & PBX INSTALLERS/REPAIRERS        | 228                  | 311                                    | 83              | 8                | 4                                | 12                       |
| PHOTOGRAPHIC PROCESSING MACHINE OPERATORS        | 203                  | 285                                    | 82              | 8                | 6                                | 14                       |
| CUSTOM TAILORS AND SEWERS                        | 655                  | 737                                    | 82              | 8                | 12                               | 20                       |
| INDUSTRIAL TRUCK & TRACTOR OPERATORS             | 1,177                | 1,258                                  | 81              | 8                | 24                               | 32                       |
| FILE CLERKS                                      | 407                  | 486                                    | 79              | 8                | 16                               | 24                       |
| ALL OTHER MACHINE OPERATORS                      | 878                  | 956                                    | 78              | 8                | 18                               | 26                       |
| RADIOLOGIC TECHNOLOGISTS                         | 336                  | 414                                    | 78              | 8                | 5                                | 13                       |
| MEDICAL RECORDS TECHNICIANS                      | 345                  | 422                                    | 77              | 8                | 4                                | 12                       |
| FENCE ERECTORS                                   | 287                  | 363                                    | 76              | 8                | 4                                | 12                       |
| ALL OTHER PHYSICAL SCIENTISTS                    | 265                  | 341                                    | 76              | 8                | 7                                | 15                       |
| STENOGRAPHERS                                    | 336                  | 410                                    | 74              | 7                | 7                                | 14                       |
| OPTICIANS, DISPENSING & MEASURING                | 464                  | 538                                    | 74              | 7                | 6                                | 13                       |
| OPTOMETRISTS                                     | 484                  | 558                                    | 74              | 7                | 9                                | 16                       |
| MEDICAL/CLINICAL LAB. TECHNICIANS                | 308                  | 381                                    | 73              | 7                | 5                                | 12                       |
| PAINTERS, TRANSPORTATION EQUIPMENT               | 285                  | 357                                    | 72              | 7                | 8                                | 15                       |
| VETERINARY ASSISTANTS                            | 157                  | 228                                    | 71              | 7                | 3                                | 10                       |
| ELECTRONIC HOME APPLIANCE & POWER TOOL REPAIRERS | 298                  | 366                                    | 68              | 7                | 8                                | 15                       |
| PROCUREMENT CLERKS                               | 237                  | 305                                    | 68              | 7                | 5                                | 12                       |
| CIVIL ENGINEERING TECHNICIANS                    | 519                  | 584                                    | 65              | 7                | 11                               | 18                       |
| TAX PREPARERS                                    | 316                  | 381                                    | 65              | 7                | 4                                | 11                       |
| RESPIRATORY THERAPISTS                           | 275                  | 339                                    | 64              | 6                | 4                                | 10                       |
| INSURANCE CLAIMS CLERKS                          | 296                  | 359                                    | 63              | 6                | 2                                | 8                        |
| SALES ENGINEERS                                  | 79                   | 142                                    | 63              | 6                | 2                                | 8                        |
| MERCHANDISE DISPLAYERS                           | 198                  | 261                                    | 63              | 6                | 3                                | 9                        |
| ALL OTHER POST SECONDARY TEACHERS                | 544                  | 607                                    | 63              | 6                | 15                               | 21                       |
| BRICK MASONS                                     | 349                  | 411                                    | 62              | 6                | 8                                | 14                       |
| CUSTOMER SERVICE REPS, UTILITIES                 | 229                  | 291                                    | 62              | 6                | 5                                | 11                       |
| CHEMISTS                                         | 294                  | 354                                    | 60              | 6                | 6                                | 12                       |
| BUS DRIVERS                                      | 265                  | 324                                    | 59              | 6                | 3                                | 9                        |
| DISPATCHERS EXCEPT POLICE, FIRE, AMBULANCE       | 297                  | 356                                    | 59              | 6                | 4                                | 10                       |
| ALL OTHER ENGINEERS                              | 282                  | 341                                    | 59              | 6                | 3                                | 9                        |

\*Numbers may not add due to rounding

**MONTANA OCCUPATIONAL EMPLOYMENT**  
**Job Projections 1996-2006**  
**Ranked by Total Growth (Includes Self-Employed)**

| Occupational Title                                | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|---------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| ELECTRICAL POWER LINE INSTALLER REPAIRERS         | 676                  | 734                                    | 58              | 6                | 18                               | 24                       |
| PHYSICAL & CORRECTIVE THERAPY ASSISTANTS          | 243                  | 301                                    | 58              | 6                | 2                                | 8                        |
| SPEECH PATHOLOGISTS, AUDIOLOGISTS                 | 419                  | 477                                    | 58              | 6                | 6                                | 12                       |
| COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT   | 903                  | 960                                    | 57              | 6                | 23                               | 29                       |
| PRINTING PRESS MACHINE OPERATORS                  | 233                  | 289                                    | 56              | 6                | 5                                | 11                       |
| ALL OTHER COMMUNICATION EQUIPMENT MECHANICS       | 190                  | 244                                    | 54              | 5                | 4                                | 9                        |
| FIRST LINE SUPERVISORS: ALL OTHER                 | 329                  | 382                                    | 53              | 5                | 7                                | 12                       |
| CAMERA OPERATORS, TV & MOVIES                     | 61                   | 114                                    | 53              | 5                | 1                                | 6                        |
| PHOTOGRAPHERS                                     | 270                  | 323                                    | 53              | 5                | 6                                | 11                       |
| PRODUCTION, EXPEDITING CLERKS                     | 177                  | 229                                    | 52              | 5                | 4                                | 9                        |
| RADIOLOGIC TECHNICIANS                            | 242                  | 294                                    | 52              | 5                | 4                                | 9                        |
| SURVEYING AND MAPPING TECHNICIANS                 | 344                  | 395                                    | 51              | 5                | 8                                | 13                       |
| WOODWORKING MACHINE SETTER/OPERATORS              | 318                  | 368                                    | 50              | 5                | 9                                | 14                       |
| OFFICE MACHINE & CASH REGISTER SERVICERS          | 311                  | 361                                    | 50              | 5                | 13                               | 18                       |
| SURGICAL TECHNICIANS                              | 205                  | 255                                    | 50              | 5                | 3                                | 8                        |
| BIOLOGICAL SCIENTISTS                             | 679                  | 729                                    | 50              | 5                | 18                               | 23                       |
| ALL OTHER MATERIAL MOVING OPERATORS               | 318                  | 367                                    | 49              | 5                | 3                                | 8                        |
| DENTAL LABORATORY TECHNICIANS                     | 205                  | 254                                    | 49              | 5                | 7                                | 12                       |
| DISPATCHERS: POLICE, FIRE, AMBULANCE              | 708                  | 757                                    | 49              | 5                | 9                                | 14                       |
| INDUSTRIAL PRODUCTION MANAGERS                    | 243                  | 292                                    | 49              | 5                | 4                                | 9                        |
| FURNACE, KILN, OVEN, KETTLE OPERATORS             | 163                  | 211                                    | 48              | 5                | 3                                | 8                        |
| PURCHASING AGENTS EXCEPT WHOLESALE/RETAIL/FARM    | 448                  | 496                                    | 48              | 5                | 9                                | 14                       |
| PERSONNEL, TRAINING, LABOR RELATIONS MANAGERS     | 236                  | 284                                    | 48              | 5                | 6                                | 11                       |
| FARM EQUIPMENT MECHANICS                          | 393                  | 440                                    | 47              | 5                | 11                               | 16                       |
| REAL ESTATE APPRAISERS                            | 210                  | 257                                    | 47              | 5                | 3                                | 8                        |
| PRODUCERS, DIRECTORS, ACTORS, ENTERTAINERS        | 161                  | 206                                    | 45              | 5                | 3                                | 8                        |
| TAPERS                                            | 173                  | 217                                    | 44              | 4                | 6                                | 10                       |
| BARBERS                                           | 280                  | 324                                    | 44              | 4                | 9                                | 13                       |
| COURT CLERKS                                      | 284                  | 328                                    | 44              | 4                | 2                                | 6                        |
| RESERVATION & TRANSPORTATION TICKET AGENTS        | 146                  | 188                                    | 42              | 4                | 3                                | 7                        |
| VETERINARY TECH & TECHNOLOGISTS                   | 94                   | 136                                    | 42              | 4                | 2                                | 6                        |
| PRECISION DETAIL DESIGN DECORATORS & PAINTERS     | 61                   | 102                                    | 41              | 4                | 1                                | 5                        |
| DATA PROCESSING EQUIPMENT REPAIRERS               | 156                  | 197                                    | 41              | 4                | 1                                | 5                        |
| FIRST LINE SUPERVISORS: TRANSPORTATION            | 554                  | 595                                    | 41              | 4                | 13                               | 17                       |
| MESSENGERS                                        | 179                  | 220                                    | 41              | 4                | 4                                | 8                        |
| HELPERS, PLUMBERS, PIPE FITTERS                   | 176                  | 216                                    | 40              | 4                | 7                                | 11                       |
| PAINTING MACHINE OPERATORS & TENDERS              | 79                   | 119                                    | 40              | 4                | 2                                | 6                        |
| MOBILE HEAVY EQUIPMENT MECHANICS                  | 890                  | 930                                    | 40              | 4                | 25                               | 29                       |
| RAILROAD CONDUCTORS, YARDMASTERS                  | 352                  | 391                                    | 39              | 4                | 3                                | 7                        |
| ELECTRONIC HOME ENTERTAINMENT EQUIPMENT REPAIRERS | 209                  | 248                                    | 39              | 4                | 4                                | 8                        |
| SHERIFFS AND DEPUTY SHERIFFS                      | 688                  | 727                                    | 39              | 4                | 9                                | 13                       |
| GRINDING AND POLISHING WORKERS, HAND              | 98                   | 136                                    | 38              | 4                | 2                                | 6                        |
| POLICE PATROL OFFICERS                            | 811                  | 849                                    | 38              | 4                | 28                               | 32                       |
| DUPLICATING MACHINE OPERATORS                     | 201                  | 238                                    | 37              | 4                | 8                                | 12                       |
| FORESTER, CONSERVATION SCIENTISTS                 | 1,176                | 1,213                                  | 37              | 4                | 32                               | 36                       |
| SURVEYING & MAPPING SCIENTISTS                    | 241                  | 278                                    | 37              | 4                | 6                                | 10                       |
| RADIO OPERATORS                                   | 106                  | 142                                    | 36              | 4                | 2                                | 6                        |
| GRADER, DOZER, SCRAPER OPERATORS                  | 700                  | 735                                    | 35              | 4                | 14                               | 18                       |
| MOLDERS AND CASTERS, HAND                         | 60                   | 95                                     | 35              | 4                | 1                                | 5                        |
| MARKING CLERKS                                    | 108                  | 143                                    | 35              | 4                | 2                                | 6                        |
| BILL, POST, CALCULATE MACHINE OPERATORS           | 258                  | 293                                    | 35              | 4                | 10                               | 14                       |
| DIETICIANS AND NUTRITIONISTS                      | 189                  | 224                                    | 35              | 4                | 4                                | 8                        |
| ALL OTHER FINANCIAL SPECIALISTS                   | 319                  | 354                                    | 35              | 4                | 4                                | 8                        |
| GLAZIERS                                          | 233                  | 267                                    | 34              | 3                | 5                                | 8                        |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked by Total Growth (Includes Self-Employed)

| Occupational Title                                | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|---------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| INSULATION WORKERS                                | 192                  | 226                                    | 34              | 3                | 8                                | 11                       |
| CHIROPRACTORS                                     | 581                  | 615                                    | 34              | 3                | 11                               | 14                       |
| HELPERS, ELECTRICIANS                             | 212                  | 245                                    | 33              | 3                | 8                                | 11                       |
| AIRCRAFT PILOTS, FLIGHT ENGINEERS                 | 141                  | 174                                    | 33              | 3                | 3                                | 6                        |
| JEWELERS AND SILVERSMITHS                         | 123                  | 156                                    | 33              | 3                | 3                                | 6                        |
| FALLERS AND BUCKERS                               | 1,960                | 1,993                                  | 33              | 3                | 50                               | 53                       |
| GEOLOGISTS, GEOPHYSICISTS, OCEANOGRAPHERS         | 378                  | 411                                    | 33              | 3                | 9                                | 12                       |
| HELPERS, BRICK & MASONS                           | 107                  | 139                                    | 32              | 3                | 4                                | 7                        |
| MACHINE ASSEMBLERS                                | 38                   | 70                                     | 32              | 3                | 1                                | 4                        |
| MACHINE TOOL CUTTING OPERATORS, METAL & PLASTIC   | 62                   | 94                                     | 32              | 3                | 1                                | 4                        |
| RECREATIONAL THERAPISTS                           | 131                  | 163                                    | 32              | 3                | 2                                | 5                        |
| ALL OTHER METAL & PLASTIC MACHINERY OPERATORS     | 78                   | 109                                    | 31              | 3                | 2                                | 5                        |
| LIFE SCIENCE TEACHERS, POSTSECONDARY              | 270                  | 301                                    | 31              | 3                | 7                                | 10                       |
| TAX EXAMINERS, COLLECTORS, REVENUE AGENTS         | 327                  | 357                                    | 30              | 3                | 6                                | 9                        |
| UPHOLSTERERS                                      | 134                  | 163                                    | 29              | 3                | 2                                | 5                        |
| EARTH DRILLERS, EXCEPT OIL & GAS                  | 326                  | 355                                    | 29              | 3                | 7                                | 10                       |
| GUIDES                                            | 107                  | 136                                    | 29              | 3                | 4                                | 7                        |
| ALL OTHER OFFICE MACHINE OPERATORS                | 132                  | 161                                    | 29              | 3                | 5                                | 8                        |
| PERSONNEL CLERKS, EXCEPT PAYROLL                  | 223                  | 252                                    | 29              | 3                | 3                                | 6                        |
| ALL OTHER SOCIAL SCIENTISTS                       | 215                  | 244                                    | 29              | 3                | 4                                | 7                        |
| CUTTERS AND TRIMMERS, HAND                        | 47                   | 75                                     | 28              | 3                | 1                                | 4                        |
| SHEET METAL DUCT INSTALLERS                       | 95                   | 123                                    | 28              | 3                | 2                                | 5                        |
| BAGGAGE PORTERS AND BELLHOPS                      | 91                   | 119                                    | 28              | 3                | 1                                | 4                        |
| MACHINE FORMING OPERATORS, METAL & PLASTIC        | 45                   | 72                                     | 27              | 3                | 1                                | 4                        |
| ALL OTHER ELECTRIC, ELECTROMECHANICAL MECHANICS   | 111                  | 138                                    | 27              | 3                | 3                                | 6                        |
| CLERGY                                            | 117                  | 144                                    | 27              | 3                | 2                                | 5                        |
| POWER GENERATING PLANT OPERATORS                  | 195                  | 221                                    | 26              | 3                | 5                                | 8                        |
| PAINTING, COATING AND DECORATING WORKERS, HAND    | 148                  | 174                                    | 26              | 3                | 3                                | 6                        |
| SOCIAL SCIENCE TEACHERS, POSTSECONDARY            | 222                  | 248                                    | 26              | 3                | 6                                | 9                        |
| ALL OTHER LEGAL ASSISTANTS                        | 74                   | 100                                    | 26              | 3                | 0                                | 3                        |
| COMPUTER ENGINEERS                                | 74                   | 100                                    | 26              | 3                | 0                                | 3                        |
| GRINDING MACHINE OPERATORS, METAL & PLASTIC       | 30                   | 55                                     | 25              | 3                | 1                                | 4                        |
| PRUNERS                                           | 54                   | 79                                     | 25              | 3                | 1                                | 4                        |
| PHARMACY ASSISTANTS                               | 102                  | 127                                    | 25              | 3                | 1                                | 4                        |
| PAYROLL AND TIMEKEEPING CLERKS                    | 344                  | 369                                    | 25              | 3                | 8                                | 11                       |
| ALL OTHER CONSTRUCTION & EXTRACTIVE WORKERS       | 378                  | 402                                    | 24              | 2                | 4                                | 6                        |
| CARPET INSTALLERS                                 | 76                   | 100                                    | 24              | 2                | 2                                | 4                        |
| COIN & VENDING MACHINE SERVICERS                  | 90                   | 114                                    | 24              | 2                | 1                                | 3                        |
| ALL OTHER AGRIC., FOREST, FISH. WORKERS           | 938                  | 962                                    | 24              | 2                | 27                               | 29                       |
| ALL OTHER MATERIAL RECORDING & SCHEDULING WORKERS | 178                  | 202                                    | 24              | 2                | 3                                | 5                        |
| FILM EDITORS                                      | 159                  | 183                                    | 24              | 2                | 2                                | 4                        |
| METAL FABRICATORS, STRUCTURAL METAL               | 96                   | 119                                    | 23              | 2                | 2                                | 4                        |
| WELFARE ELIGIBILITY WORKERS                       | 663                  | 686                                    | 23              | 2                | 9                                | 11                       |
| PHARMACY TECHNICIANS                              | 105                  | 128                                    | 23              | 2                | 1                                | 3                        |
| TECHNICAL ASSISTANTS, LIBRARY                     | 184                  | 207                                    | 23              | 2                | 3                                | 5                        |
| COMPUTER PROGRAMMER AIDES                         | 311                  | 334                                    | 23              | 2                | 7                                | 9                        |
| ALL OTHER LIFE SCIENTISTS                         | 218                  | 241                                    | 23              | 2                | 6                                | 8                        |
| UNDERWRITERS                                      | 192                  | 215                                    | 23              | 2                | 3                                | 5                        |
| STATION INSTALLERS & REPAIRERS, TELEPHONE         | 60                   | 82                                     | 22              | 2                | 1                                | 3                        |
| AIRCRAFT MECHANICS                                | 188                  | 210                                    | 22              | 2                | 4                                | 6                        |
| FIRST LINE SUPERVISORS: HELPERS & LABORERS        | 168                  | 190                                    | 22              | 2                | 4                                | 6                        |
| SPRAYERS/APPLICATORS                              | 48                   | 70                                     | 22              | 2                | 1                                | 3                        |
| LOAN AND CREDIT CLERKS                            | 604                  | 626                                    | 22              | 2                | 7                                | 9                        |
| OCCUPATIONAL THERAPISTS                           | 172                  | 194                                    | 22              | 2                | 3                                | 5                        |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked by Total Growth (Includes Self-Employed)

| Occupational Title                                  | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|-----------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| ENGLISH/FOREIGN LANGUAGE TEACHERS, POSTSECONDARY    | 185                  | 207                                    | 22              | 2                | 5                                | 7                        |
| ALL OTHER SCIENCE TECHNICIANS                       | 292                  | 314                                    | 22              | 2                | 6                                | 8                        |
| WATER & WASTE TREATMENT PLANT OPERATORS             | 251                  | 272                                    | 21              | 2                | 6                                | 8                        |
| FURNITURE FINISHERS                                 | 131                  | 152                                    | 21              | 2                | 3                                | 5                        |
| MUSICAL INSTRUMENT REPAIRERS & TUNERS               | 255                  | 276                                    | 21              | 2                | 5                                | 7                        |
| ART, DRAMA, MUSIC TEACHERS, POSTSECONDARY           | 177                  | 198                                    | 21              | 2                | 5                                | 7                        |
| ELECTRICAL, ELECTRONIC ASSEMBLERS, PRECISION        | 71                   | 91                                     | 20              | 2                | 1                                | 3                        |
| MACHINERY MECHANICS WATER/POWER                     | 259                  | 279                                    | 20              | 2                | 6                                | 8                        |
| ALL OTHER PROTECTIVE SERVICE WORKERS                | 246                  | 266                                    | 20              | 2                | 19                               | 21                       |
| DETECTIVES AND INVESTIGATORS                        | 65                   | 85                                     | 20              | 2                | 1                                | 3                        |
| BROKERAGE CLERKS                                    | 51                   | 71                                     | 20              | 2                | 1                                | 3                        |
| INSTRUCTIONAL COORDINATORS                          | 197                  | 217                                    | 20              | 2                | 1                                | 3                        |
| CURATORS, ARCHIVISTS, MUSEUM TECHNICIANS            | 53                   | 73                                     | 20              | 2                | 1                                | 3                        |
| ALL OTHER TEACHERS & INSTRUCTORS                    | 89                   | 109                                    | 20              | 2                | 0                                | 2                        |
| PLASTIC MOLDING & CASTING MACHINE OPERATORS         | 50                   | 69                                     | 19              | 2                | 1                                | 3                        |
| ALL OTHER CONSTRUCTION WORKERS                      | 214                  | 233                                    | 19              | 2                | 3                                | 5                        |
| MOTORCYCLE REPAIRERS                                | 192                  | 211                                    | 19              | 2                | 6                                | 8                        |
| LIBRARY ASSISTANTS & BOOKMOBILE DRIVERS             | 399                  | 418                                    | 19              | 2                | 16                               | 18                       |
| BROKERS, REAL ESTATE                                | 250                  | 269                                    | 19              | 2                | 4                                | 6                        |
| ELECTRICAL, ELECTRONIC ASSEMBLERS                   | 30                   | 48                                     | 18              | 2                | 0                                | 2                        |
| OFFSET LITHOGRAPHIC PRESS SETTERS                   | 199                  | 217                                    | 18              | 2                | 4                                | 6                        |
| PLASTIC MOLDING, CASTING OPERATORS                  | 21                   | 39                                     | 18              | 2                | 1                                | 3                        |
| STRUCTURAL METAL WORKERS                            | 38                   | 56                                     | 18              | 2                | 1                                | 3                        |
| REINFORCING METAL WORKERS                           | 65                   | 83                                     | 18              | 2                | 1                                | 3                        |
| FIREFIGHTERS                                        | 230                  | 248                                    | 18              | 2                | 8                                | 10                       |
| METER READERS, UTILITIES                            | 238                  | 256                                    | 18              | 2                | 5                                | 7                        |
| CREDIT CHECKERS                                     | 88                   | 106                                    | 18              | 2                | 1                                | 3                        |
| ALL OTHER SERVICE SALES OCCUPATIONS                 | 62                   | 80                                     | 18              | 2                | 2                                | 4                        |
| CHEMICAL ENGINEERS                                  | 62                   | 80                                     | 18              | 2                | 1                                | 3                        |
| ENGRAVING AND PRINTING WORKERS, HAND                | 23                   | 40                                     | 17              | 2                | 0                                | 2                        |
| MOTION PICTURE PROJECTIONISTS                       | 91                   | 108                                    | 17              | 2                | 2                                | 4                        |
| BLASTERS AND EXPLOSIVES WORKERS                     | 232                  | 249                                    | 17              | 2                | 2                                | 4                        |
| NURSING INSTRUCTORS                                 | 118                  | 135                                    | 17              | 2                | 2                                | 4                        |
| HELPERS, EXTRACTIVE WORKERS                         | 70                   | 86                                     | 16              | 2                | 3                                | 5                        |
| WELDING MACHINE OPERATORS                           | 26                   | 42                                     | 16              | 2                | 1                                | 3                        |
| HARD TILE SETTERS                                   | 53                   | 69                                     | 16              | 2                | 1                                | 3                        |
| MOBILE HOME INSTALLERS & REPAIRERS                  | 57                   | 73                                     | 16              | 2                | 1                                | 3                        |
| TRANSPORTATION INSPECTORS                           | 97                   | 113                                    | 16              | 2                | 2                                | 4                        |
| AMBULANCE DRIVERS & ATTENDANTS                      | 70                   | 86                                     | 16              | 2                | 1                                | 3                        |
| CROSSING GUARDS                                     | 144                  | 160                                    | 16              | 2                | 3                                | 5                        |
| ALL OTHER THERAPISTS                                | 131                  | 147                                    | 16              | 2                | 2                                | 4                        |
| BUDGET ANALYSTS                                     | 204                  | 220                                    | 16              | 2                | 3                                | 5                        |
| DRILLING, BORING MACHINE OPERATORS, METAL & PLASTIC | 21                   | 36                                     | 15              | 2                | 0                                | 2                        |
| ELECTRONIC PAGINATION SYSTEM OPERATORS              | 86                   | 101                                    | 15              | 2                | 2                                | 4                        |
| PSYCHIATRIC TECHNICIANS                             | 61                   | 76                                     | 15              | 2                | 1                                | 3                        |
| PHYSICIAN ASSISTANTS                                | 64                   | 79                                     | 15              | 2                | 1                                | 3                        |
| ENGINEERING TEACHERS, POSTSECONDARY                 | 133                  | 148                                    | 15              | 2                | 4                                | 6                        |
| WELDING MACHINE SETTER/OPERATORS                    | 26                   | 40                                     | 14              | 1                | 1                                | 2                        |
| JOB PRINTERS                                        | 79                   | 93                                     | 14              | 1                | 2                                | 3                        |
| PEST CONTROLLERS AND ASSISTANTS                     | 34                   | 48                                     | 14              | 1                | 1                                | 2                        |
| DATABASE ADMINISTRATORS                             | 47                   | 61                                     | 14              | 1                | 1                                | 2                        |
| PURCHASING AGENTS & BUYERS, FARM PRODUCTS           | 247                  | 261                                    | 14              | 1                | 5                                | 6                        |
| CHEMICAL EQUIPMENT CONTROLLER/OPERATORS             | 30                   | 43                                     | 13              | 1                | 1                                | 2                        |
| PASTE-UP WORKERS                                    | 73                   | 86                                     | 13              | 1                | 2                                | 3                        |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

### Ranked by Total Growth (Includes Self-Employed)

| Occupational Title                                  | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|-----------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| ALL OTHER MACHINERY MECHANICS                       | 137                  | 150                                    | 13              | 1                | 3                                | 4                        |
| FIRST LINE SUPERVISORS: AG, FOREST, FISH            | 560                  | 573                                    | 13              | 1                | 8                                | 9                        |
| STATISTICAL CLERKS                                  | 130                  | 143                                    | 13              | 1                | 2                                | 3                        |
| REAL ESTATE CLERKS                                  | 45                   | 58                                     | 13              | 1                | 1                                | 2                        |
| ADVERTISING CLERKS                                  | 70                   | 83                                     | 13              | 1                | 1                                | 2                        |
| DANCERS AND CHOREOGRAPHERS                          | 30                   | 43                                     | 13              | 1                | 1                                | 2                        |
| CARDIOLOGY TECHNOLOGISTS                            | 55                   | 68                                     | 13              | 1                | 1                                | 2                        |
| MATHEMATICAL TEACHERS, POSTSECONDARY                | 112                  | 125                                    | 13              | 1                | 3                                | 4                        |
| BIOLOGICAL, AGRICULTURE, FOOD TECHNICIANS           | 299                  | 312                                    | 13              | 1                | 6                                | 7                        |
| ALL OTHER ENGINEERING TECHNICIANS                   | 339                  | 352                                    | 13              | 1                | 7                                | 8                        |
| HELPERS, PAINTERS, PLASTERERS                       | 43                   | 55                                     | 12              | 1                | 2                                | 3                        |
| CUTTING AND SLICING SETTER/OPERATORS                | 39                   | 51                                     | 12              | 1                | 1                                | 2                        |
| GAS APPLIANCE REPAIRERS                             | 51                   | 63                                     | 12              | 1                | 1                                | 2                        |
| BROADCAST NEWS ANALYSTS                             | 32                   | 44                                     | 12              | 1                | 1                                | 2                        |
| CHEMICAL TECHNICIANS, EXCEPT HEALTH                 | 159                  | 171                                    | 12              | 1                | 3                                | 4                        |
| HELPERS, ROOFERS                                    | 41                   | 52                                     | 11              | 1                | 2                                | 3                        |
| BINDERY MACHINE OPERATORS                           | 65                   | 76                                     | 11              | 1                | 2                                | 3                        |
| DRYWALL INSTALLERS                                  | 54                   | 65                                     | 11              | 1                | 2                                | 3                        |
| PRODUCTION INSPECTORS, GRADERS                      | 237                  | 248                                    | 11              | 1                | 5                                | 6                        |
| PRECISION INSPECTORS, TESTERS, GRADERS              | 31                   | 42                                     | 11              | 1                | 1                                | 2                        |
| USHERS, LOBBY ATTENDANTS, TICKET TAKERS             | 59                   | 70                                     | 11              | 1                | 2                                | 3                        |
| TECHNICAL WRITERS                                   | 47                   | 58                                     | 11              | 1                | 1                                | 2                        |
| EKG TECHNICIANS                                     | 47                   | 58                                     | 11              | 1                | 1                                | 2                        |
| SPECIAL AGENTS, INSURANCE                           | 71                   | 82                                     | 11              | 1                | 1                                | 2                        |
| ALL OTHER PLANT AND SYSTEM OCCUPATIONS              | 100                  | 110                                    | 10              | 1                | 3                                | 4                        |
| PROOFREADERS AND COPY MARKERS                       | 61                   | 71                                     | 10              | 1                | 1                                | 2                        |
| DIETETIC TECHNICIANS                                | 41                   | 51                                     | 10              | 1                | 1                                | 2                        |
| HEALTH SPECIALTIES TEACHERS, POSTSECONDARY          | 87                   | 97                                     | 10              | 1                | 2                                | 3                        |
| LECTURERS                                           | 134                  | 144                                    | 10              | 1                | 2                                | 3                        |
| ASSESSORS                                           | 252                  | 262                                    | 10              | 1                | 5                                | 6                        |
| EXTRUDING, FORMING SETTER/OPERATORS                 | 22                   | 31                                     | 9               | 1                | 1                                | 2                        |
| BINDERY MACHINE SETTER/OPERATORS                    | 49                   | 58                                     | 9               | 1                | 1                                | 2                        |
| SCREEN PRINTING MACHINE SETTER/OPERATORS            | 50                   | 59                                     | 9               | 1                | 1                                | 2                        |
| COMBINATION MACHINE TOOL OPERATORS, METAL & PLASTIC | 22                   | 31                                     | 9               | 1                | 0                                | 1                        |
| ALL OTHER MINING MACHINE OPERATORS                  | 118                  | 127                                    | 9               | 1                | 1                                | 2                        |
| GRADERS & SORTERS, AGRICULTURE PRODUCTION           | 95                   | 104                                    | 9               | 1                | 2                                | 3                        |
| FUNERAL DIRECTORS AND MORTICIANS                    | 148                  | 157                                    | 9               | 1                | 2                                | 3                        |
| CHEMISTRY TEACHERS, POSTSECONDARY                   | 78                   | 87                                     | 9               | 1                | 2                                | 3                        |
| URBAN AND REGIONAL PLANNERS                         | 115                  | 124                                    | 9               | 1                | 2                                | 3                        |
| ALL OTHER COMPUTER SCIENTISTS                       | 30                   | 39                                     | 9               | 1                | 0                                | 1                        |
| INDUSTRIAL ENGINEERS, EXCEPT SAFETY                 | 22                   | 31                                     | 9               | 1                | 1                                | 2                        |
| MACHINE BUILDERS, ASSEMBLERS                        | 12                   | 20                                     | 8               | 1                | 0                                | 1                        |
| PSYCHIATRIC AIDES                                   | 30                   | 38                                     | 8               | 1                | 0                                | 1                        |
| TRAVEL CLERKS                                       | 25                   | 33                                     | 8               | 1                | 0                                | 1                        |
| AIR TRAFFIC CONTROLLERS                             | 104                  | 112                                    | 8               | 1                | 2                                | 3                        |
| ALL OTHER PHYSICAL SCIENCE TEACHERS, POSTSECONDARY  | 67                   | 75                                     | 8               | 1                | 2                                | 3                        |
| LAW CLERKS                                          | 141                  | 149                                    | 8               | 1                | 2                                | 3                        |
| ATMOSPHERIC & SPACE SCIENTISTS                      | 37                   | 45                                     | 8               | 1                | 1                                | 2                        |
| MINING ENGINEERS, INCLUDING SAFETY                  | 68                   | 76                                     | 8               | 1                | 2                                | 3                        |
| DRIVER/SALES WORKERS                                | 1,285                | 1,292                                  | 7               | 1                | 33                               | 34                       |
| CHEMICAL PLANT AND SYSTEM OPERATORS                 | 38                   | 45                                     | 7               | 1                | 1                                | 2                        |
| TYPESETTING MACHINE OPERATORS/TENDERS               | 38                   | 45                                     | 7               | 1                | 1                                | 2                        |
| MILLING, PLANING MACHINE OPERATORS, METAL & PLASTIC | 8                    | 15                                     | 7               | 1                | 0                                | 1                        |
| WOOD MACHINISTS                                     | 228                  | 235                                    | 7               | 1                | 5                                | 6                        |

\*Numbers may not add due to rounding

**MONTANA OCCUPATIONAL EMPLOYMENT**  
**Job Projections 1996-2006**  
**Ranked by Total Growth (Includes Self-Employed)**

| Occupational Title                         | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|--------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| PIPE LAYERS                                | 169                  | 176                                    | 7               | 1                | 2                                | 3                        |
| BICYCLE REPAIRERS                          | 71                   | 78                                     | 7               | 1                | 1                                | 2                        |
| FRAME WIRERS, CENTRAL OFFICE               | 20                   | 27                                     | 7               | 1                | 0                                | 1                        |
| SMALL ENGINE SPECIALISTS                   | 123                  | 130                                    | 7               | 1                | 4                                | 5                        |
| PERIPHERAL EDP EQUIPMENT OPERATORS         | 86                   | 93                                     | 7               | 1                | 2                                | 3                        |
| LICENSE CLERKS                             | 334                  | 341                                    | 7               | 1                | 2                                | 3                        |
| PODIATRISTS                                | 40                   | 47                                     | 7               | 1                | 1                                | 2                        |
| MEDICAL SCIENTISTS                         | 35                   | 42                                     | 7               | 1                | 1                                | 2                        |
| CONSTRUCTION, BUILDING INSPECTORS          | 196                  | 203                                    | 7               | 1                | 3                                | 4                        |
| ALL OTHER TRANSPORTATION WORKERS           | 86                   | 92                                     | 6               | 1                | 1                                | 2                        |
| AUXILIARY EQUIPMENT OPERATORS, POWER       | 46                   | 52                                     | 6               | 1                | 1                                | 2                        |
| GAS PLANT OPERATORS                        | 46                   | 52                                     | 6               | 1                | 1                                | 2                        |
| PRESSING MACHINE OPERATORS, TEXTILES       | 104                  | 110                                    | 6               | 1                | 3                                | 4                        |
| SEWING MACHINE OPERATORS, GARMENT          | 357                  | 363                                    | 6               | 1                | 7                                | 8                        |
| SAWING MACHINE SETTER/OPERATORS            | 99                   | 105                                    | 6               | 1                | 3                                | 4                        |
| CAMERA OPERATORS, DARKROOM                 | 38                   | 44                                     | 6               | 1                | 1                                | 2                        |
| HAND WORKERS, JEWELRY, PRECISION           | 6                    | 12                                     | 6               | 1                | 0                                | 1                        |
| ELECTROMEDICAL & BIOMEDICAL REPAIRERS      | 28                   | 34                                     | 6               | 1                | 0                                | 1                        |
| EEG TECHNOLOGISTS                          | 26                   | 32                                     | 6               | 1                | 0                                | 1                        |
| COMPUTER SCIENCE TEACHERS, POSTSECONDARY   | 49                   | 55                                     | 6               | 1                | 1                                | 2                        |
| PHYSICS TEACHERS, POSTSECONDARY            | 49                   | 55                                     | 6               | 1                | 1                                | 2                        |
| LANDSCAPE ARCHITECTS                       | 39                   | 45                                     | 6               | 1                | 1                                | 2                        |
| CLAIMS EXAMINERS, INSURANCE                | 33                   | 39                                     | 6               | 1                | 0                                | 1                        |
| PATTERN MAKERS, MODEL MAKERS               | 10                   | 15                                     | 5               | 1                | 0                                | 1                        |
| MOLDERS & SHAPERS, EXCEPT JEWELRY          | 6                    | 11                                     | 5               | 1                | 0                                | 1                        |
| CEILING TILE INSTALLERS                    | 20                   | 25                                     | 5               | 1                | 0                                | 1                        |
| ELEVATOR INSTALLERS & REPAIRERS            | 18                   | 23                                     | 5               | 1                | 0                                | 1                        |
| MECHANICAL CONTROL INSTALLERS & REPAIRERS  | 59                   | 64                                     | 5               | 1                | 1                                | 2                        |
| ELECTRICAL INSTALLERS & REPAIRERS          | 95                   | 100                                    | 5               | 1                | 2                                | 3                        |
| ELECTRIC MOTOR REPAIRERS                   | 52                   | 57                                     | 5               | 1                | 1                                | 2                        |
| RADIO MECHANICS                            | 48                   | 53                                     | 5               | 1                | 1                                | 2                        |
| OCCUPATIONAL THERAPY ASSISTANTS            | 20                   | 25                                     | 5               | 1                | 0                                | 1                        |
| MUNICIPAL CLERKS                           | 62                   | 67                                     | 5               | 1                | 0                                | 1                        |
| ATHLETES, COACHES, UMPIRES & RELATED       | 13                   | 18                                     | 5               | 1                | 0                                | 1                        |
| CORRECTIVE & MANUAL ARTS THERAPISTS        | 20                   | 25                                     | 5               | 1                | 0                                | 1                        |
| TITLE SEARCHERS                            | 28                   | 33                                     | 5               | 1                | 0                                | 1                        |
| OPERATIONS AND RESEARCH ANALYSTS           | 20                   | 25                                     | 5               | 1                | 0                                | 1                        |
| METALLURGISTS AND RELATED ENGINEERS        | 16                   | 21                                     | 5               | 1                | 0                                | 1                        |
| CLAIMS TAKERS, UNEMPLOYMENT BENEFITS       | 136                  | 141                                    | 5               | 1                | 3                                | 4                        |
| DRAGLINE OPERATORS                         | 69                   | 73                                     | 4               | 0                | 1                                | 1                        |
| ALL OTHER MOTOR VEHICLE OPERATORS          | 84                   | 88                                     | 4               | 0                | 1                                | 1                        |
| LAYOUT WORKERS, METAL, PRECISION           | 17                   | 21                                     | 4               | 0                | 0                                | 0                        |
| MINE CUTTING MACHINE OPERATORS             | 73                   | 77                                     | 4               | 0                | 1                                | 1                        |
| FARM & RANCH EQUIPMENT OPERATORS           | 9                    | 13                                     | 4               | 0                | 0                                | 0                        |
| FUNERAL ATTENDANTS                         | 89                   | 93                                     | 4               | 0                | 1                                | 1                        |
| POLICE DETECTIVES                          | 77                   | 81                                     | 4               | 0                | 3                                | 3                        |
| POLICE AND DETECTIVE SUPERVISORS           | 109                  | 113                                    | 4               | 0                | 5                                | 5                        |
| NUCLEAR MEDICINE TECHNOLOGISTS             | 19                   | 23                                     | 4               | 0                | 0                                | 0                        |
| ESTIMATORS & DRAFTERS, UTILITIES           | 32                   | 36                                     | 4               | 0                | 1                                | 1                        |
| AGRICULTURAL ENGINEERS                     | 18                   | 22                                     | 4               | 0                | 0                                | 0                        |
| CONVEYOR OPERATORS AND TENDERS             | 182                  | 185                                    | 3               | 0                | 2                                | 2                        |
| LOAD MACHINE OPERATORS, UNDERGROUND MINING | 51                   | 54                                     | 3               | 0                | 1                                | 1                        |
| SOLDERERS AND BRAZERS                      | 14                   | 17                                     | 3               | 0                | 0                                | 0                        |
| LETTERPRESS SETTER/OPERATORS               | 15                   | 18                                     | 3               | 0                | 0                                | 0                        |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked by Total Growth (Includes Self-Employed)

| Occupational Title                                       | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|----------------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| PRESSERS, DELICATE FABRICS                               | 69                   | 72                                     | 3               | 0                | 2                                | 2                        |
| CONTINUOUS MINING MACHINE OPERATORS                      | 56                   | 59                                     | 3               | 0                | 1                                | 1                        |
| PIPELAYING FITTERS                                       | 35                   | 38                                     | 3               | 0                | 0                                | 0                        |
| PLASTERERS                                               | 26                   | 29                                     | 3               | 0                | 1                                | 1                        |
| MENDERS, GARMENTS AND LINENS                             | 34                   | 37                                     | 3               | 0                | 1                                | 1                        |
| ALL OTHER INSPECTORS, TESTERS                            | 85                   | 88                                     | 3               | 0                | 2                                | 2                        |
| FISH AND GAME WARDENS                                    | 83                   | 86                                     | 3               | 0                | 1                                | 1                        |
| FIREFIGHTING & FIRE PREVENTION SUPERVISORS               | 46                   | 49                                     | 3               | 0                | 2                                | 2                        |
| DATA ENTRY KEYERS, COMPOSING                             | 17                   | 20                                     | 3               | 0                | 0                                | 0                        |
| CORRESPONDENCE CLERKS                                    | 93                   | 96                                     | 3               | 0                | 2                                | 2                        |
| AUDIOVISUAL SPECIALISTS                                  | 56                   | 59                                     | 3               | 0                | 0                                | 0                        |
| ADJUDICATORS & HEARING OFFICERS                          | 123                  | 126                                    | 3               | 0                | 2                                | 2                        |
| DIRECTORS, RELIGIOUS ACTIVITIES EDUCATION                | 13                   | 16                                     | 3               | 0                | 0                                | 0                        |
| ACTUARIES                                                | 9                    | 12                                     | 3               | 0                | 0                                | 0                        |
| LOAN OFFICERS AND COUNSELORS                             | 1,017                | 1,020                                  | 3               | 0                | 13                               | 13                       |
| LAWN SERVICE MANAGERS                                    | 7                    | 10                                     | 3               | 0                | 0                                | 0                        |
| STATIONARY ENGINEERS                                     | 58                   | 60                                     | 2               | 0                | 2                                | 2                        |
| PRESSERS, HAND                                           | 36                   | 38                                     | 2               | 0                | 1                                | 1                        |
| COATING, PAINTING SETTER/OPERATORS                       | 34                   | 36                                     | 2               | 0                | 1                                | 1                        |
| NUMERICAL CONTROL MACHINERY TOOL OPERATORS, MTL. & PLST. | 5                    | 7                                      | 2               | 0                | 0                                | 0                        |
| SCANNER OPERATORS                                        | 9                    | 11                                     | 2               | 0                | 0                                | 0                        |
| SPOTTERS, DRY CLEANING                                   | 55                   | 57                                     | 2               | 0                | 1                                | 1                        |
| SEPTIC TANK, SEWER SERVICERS                             | 13                   | 15                                     | 2               | 0                | 0                                | 0                        |
| STONEMASONS                                              | 17                   | 19                                     | 2               | 0                | 0                                | 0                        |
| ELECTRIC METER INSTALLERS/REPAIRERS                      | 18                   | 20                                     | 2               | 0                | 0                                | 0                        |
| POWERHOUSE & RELAY ELECTRICIANS                          | 27                   | 29                                     | 2               | 0                | 1                                | 1                        |
| MINE MACHINERY MECHANICS                                 | 67                   | 69                                     | 2               | 0                | 2                                | 2                        |
| CENTRAL OFFICE OPERATORS                                 | 6                    | 8                                      | 2               | 0                | 0                                | 0                        |
| DIRECTORY ASSISTANCE OPERATORS                           | 6                    | 8                                      | 2               | 0                | 0                                | 0                        |
| EMBALMERS                                                | 83                   | 85                                     | 2               | 0                | 2                                | 2                        |
| FINANCIAL ANALYSTS, STATISTICAL                          | 10                   | 12                                     | 2               | 0                | 0                                | 0                        |
| COMPUTER SUPPORT SPECIALISTS                             | 251                  | 253                                    | 2               | 0                | 6                                | 6                        |
| SAFETY ENGINEERS, EXCEPT MINING                          | 28                   | 30                                     | 2               | 0                | 1                                | 1                        |
| EMPLOYMENT INTERVIEWERS                                  | 186                  | 188                                    | 2               | 0                | 3                                | 3                        |
| GAS COMPRESSOR OPERATORS                                 | 9                    | 10                                     | 1               | 0                | 0                                | 0                        |
| GAS PUMPING STATION OPERATORS                            | 6                    | 7                                      | 1               | 0                | 0                                | 0                        |
| POWER DISTRIBUTORS & DISPATCHERS                         | 52                   | 53                                     | 1               | 0                | 1                                | 1                        |
| GLAZIERS, MANUFACTURING                                  | 9                    | 10                                     | 1               | 0                | 0                                | 0                        |
| ELECTROLYTIC PLATING OPERATORS, METAL & PLASTIC          | 6                    | 7                                      | 1               | 0                | 0                                | 0                        |
| LATHE, TURNING MACHINE SETTER/OPERATORS, METAL & PLASTIC | 6                    | 7                                      | 1               | 0                | 0                                | 0                        |
| STRIPPERS, PRINTING                                      | 8                    | 9                                      | 1               | 0                | 0                                | 0                        |
| INSTRUMENT MAKERS, PRECISION                             | 6                    | 7                                      | 1               | 0                | 0                                | 0                        |
| AIRCRAFT ENGINE SPECIALISTS                              | 33                   | 34                                     | 1               | 0                | 1                                | 1                        |
| BAILIFFS                                                 | 11                   | 12                                     | 1               | 0                | 0                                | 0                        |
| PARKING ENFORCEMENT OFFICERS                             | 19                   | 20                                     | 1               | 0                | 0                                | 0                        |
| FIRE INSPECTORS                                          | 17                   | 18                                     | 1               | 0                | 1                                | 1                        |
| STATEMENT CLERKS                                         | 104                  | 105                                    | 1               | 0                | 3                                | 3                        |
| CREDIT ANALYSTS                                          | 57                   | 58                                     | 1               | 0                | 1                                | 1                        |
| NURSERY & GREENHOUSE MANAGERS                            | 10                   | 11                                     | 1               | 0                | 0                                | 0                        |
| REFUSE COLLECTORS                                        | 315                  | 315                                    | 0               | 0                | 5                                | 5                        |
| PUMP OPERATORS                                           | 8                    | 8                                      | 0               | 0                | 0                                | 0                        |
| DREDGE OPERATORS, DIPPER TENDERS                         | 7                    | 7                                      | 0               | 0                | 0                                | 0                        |
| SEWERS, HAND                                             | 5                    | 5                                      | 0               | 0                | 0                                | 0                        |
| MEDICAL APPLIANCE MAKERS                                 | 36                   | 36                                     | 0               | 0                | 1                                | 1                        |

\*Numbers may not add due to rounding.

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

### Ranked by Total Growth (Includes Self-Employed)

| Occupational Title                                  | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|-----------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| PHOTOGRAPHIC PROCESS WORKERS                        | 17                   | 17                                     | 0               | 0                | 1                                | 1                        |
| LOCKSMITHS AND SAFE REPAIRERS                       | 6                    | 6                                      | 0               | 0                | 0                                | 0                        |
| MANICURISTS                                         | 28                   | 28                                     | 0               | 0                | 0                                | 0                        |
| U.S. MARSHALLS                                      | 7                    | 7                                      | 0               | 0                | 0                                | 0                        |
| FOREST FIRE INSPECTORS & PREVENTION                 | 11                   | 11                                     | 0               | 0                | 0                                | 0                        |
| WEIGHERS, MEASURERS, CHECKERS                       | 40                   | 40                                     | 0               | 0                | 1                                | 1                        |
| LOAN INTERVIEWERS                                   | 5                    | 5                                      | 0               | 0                | 0                                | 0                        |
| TRAFFIC TECHNICIANS                                 | 13                   | 13                                     | 0               | 0                | 0                                | 0                        |
| STATISTICIANS                                       | 13                   | 13                                     | 0               | 0                | 0                                | 0                        |
| PETROLEUM TECHNICIANS & TECHNOLOGISTS               | 17                   | 17                                     | 0               | 0                | 0                                | 0                        |
| CRANE AND TOWER OPERATORS                           | 30                   | 29                                     | -1              | 0                | 1                                | 1                        |
| RAIL YARD ENGINEERS, DINKEY OPERATORS               | 21                   | 20                                     | -1              | 0                | 0                                | 0                        |
| PETROLEUM PUMP SYSTEM OPERATORS                     | 7                    | 6                                      | -1              | 0                | 0                                | 0                        |
| METAL MOLDING, CASTING OPERATORS                    | 7                    | 6                                      | -1              | 0                | 0                                | 0                        |
| PATTERN MAKERS, LAYOUT WORKERS, FABRIC & APPAREL    | 8                    | 7                                      | -1              | 0                | 0                                | 0                        |
| AIR HAMMER OPERATORS                                | 10                   | 9                                      | -1              | 0                | 0                                | 0                        |
| RAILROAD AND TRANSIT POLICE                         | 9                    | 8                                      | -1              | 0                | 0                                | 0                        |
| CRIMINAL INVESTIGATORS, FEDERAL                     | 60                   | 59                                     | -1              | 0                | 2                                | 2                        |
| ALL OTHER COMMUNICATION OPERATORS                   | 6                    | 5                                      | -1              | 0                | 0                                | 0                        |
| AGRICULTURAL AND FOOD SCIENTISTS                    | 377                  | 376                                    | -1              | 0                | 10                               | 10                       |
| EXTRUDING & FORMING OPERATORS                       | 11                   | 9                                      | -2              | 0                | 0                                | 0                        |
| ROASTING, DRYING OPERATORS, FOOD                    | 7                    | 5                                      | -2              | 0                | 0                                | 0                        |
| METAL MOLDING, CASTING SETTER/OPERATORS             | 15                   | 13                                     | -2              | 0                | 0                                | 0                        |
| ALL OTHER PRECISION WOODWORKERS                     | 30                   | 28                                     | -2              | 0                | 1                                | 1                        |
| LIBRARIANS, PROFESSIONAL                            | 692                  | 690                                    | -2              | 0                | 14                               | 14                       |
| JUDGES AND MAGISTRATES                              | 241                  | 239                                    | -2              | 0                | 3                                | 3                        |
| MATH SCIENTISTS                                     | 14                   | 12                                     | -2              | 0                | 0                                | 0                        |
| MEAT, POULTRY, FISH CUTTERS                         | 9                    | 6                                      | -3              | 0                | 0                                | 0                        |
| FURNACE OPERATORS AND TENDERS                       | 16                   | 13                                     | -3              | 0                | 0                                | 0                        |
| FOUNDRY MOLD AND CORE MAKERS                        | 16                   | 13                                     | -3              | 0                | 0                                | 0                        |
| ALL OTHER EXTRACTIVE OCCUPATIONS, EXCEPT HELPERS    | 59                   | 56                                     | -3              | 0                | 1                                | 1                        |
| TEXTILE MACHINE OPERATORS                           | 34                   | 30                                     | -4              | 0                | 1                                | 1                        |
| MACHINERY MAINTENANCE WORKERS                       | 150                  | 146                                    | -4              | 0                | 3                                | 3                        |
| POSTMASTERS, MAIL SUPERINTENDENT                    | 333                  | 329                                    | -4              | 0                | 5                                | 5                        |
| MAIN LINE STATION ENGINEERS                         | 15                   | 10                                     | -5              | -1               | 0                                | 0                        |
| CANNERY WORKERS                                     | 15                   | 10                                     | -5              | -1               | 0                                | 0                        |
| CUTTING & SLICING MACHINE OPERATORS                 | 43                   | 38                                     | -5              | -1               | 1                                | 1                        |
| LOG GRADERS AND SCALERS                             | 44                   | 39                                     | -5              | -1               | 1                                | 1                        |
| HOIST AND WINCH OPERATORS                           | 58                   | 52                                     | -6              | -1               | 1                                | 1                        |
| POSTAL SERVICE CLERKS                               | 533                  | 527                                    | -6              | -1               | 12                               | 12                       |
| TANK CAR AND TRUCK LOADERS                          | 39                   | 32                                     | -7              | -1               | 0                                | 0                        |
| PACKAGING & FILLING MACHINE OPERATORS               | 432                  | 425                                    | -7              | -1               | 8                                | 8                        |
| EXTRUDING MACHINE SETTER/OPERATORS, METAL & PLASTIC | 36                   | 29                                     | -7              | -1               | 1                                | 1                        |
| PAVING, SURFACING, TAMPING OPERATORS                | 226                  | 219                                    | -7              | -1               | 5                                | 5                        |
| PRECISION INSTRUMENT REPAIRERS                      | 70                   | 63                                     | -7              | -1               | 1                                | 1                        |
| CLEANING, PICKLING EQUIPMENT OPERATORS              | 35                   | 27                                     | -8              | -1               | 1                                | 1                        |
| ALL OTHER TIMBER CUTTING WORKERS                    | 55                   | 47                                     | -8              | -1               | 1                                | 1                        |
| ECONOMISTS                                          | 165                  | 157                                    | -8              | -1               | 5                                | 5                        |
| GOVERNMENT CHIEF EXECUTIVES & LEGISLATORS           | 587                  | 579                                    | -8              | -1               | 12                               | 12                       |
| HEAD SAWYERS & SAW MACHINE OPERATORS                | 90                   | 81                                     | -9              | -1               | 3                                | 3                        |
| TOOL GRINDERS, FILERS, SHARPENERS                   | 128                  | 119                                    | -9              | -1               | 3                                | 3                        |
| NEW ACCOUNTS CLERKS                                 | 293                  | 284                                    | -9              | -1               | 8                                | 8                        |
| RAILCAR REPAIRERS                                   | 195                  | 185                                    | -10             | -1               | 6                                | 6                        |
| POSTAL MAIL CARRIERS                                | 889                  | 879                                    | -10             | -1               | 18                               | 18                       |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked by Total Growth (Includes Self-Employed)

| Occupational Title                                  | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|-----------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| MINING AND RELATED MANAGERS                         | 91                   | 81                                     | -10             | -1               | 1                                | 1                        |
| RAILROAD BRAKE, SIGNAL, SWITCH OPERATORS            | 371                  | 360                                    | -11             | -1               | 3                                | 3                        |
| BOILER OPERATORS, TENDER LOW PRESSURE               | 160                  | 149                                    | -11             | -1               | 5                                | 5                        |
| LOCOMOTIVE ENGINEERS                                | 457                  | 445                                    | -12             | -1               | 3                                | 3                        |
| CHOKE SETTERS                                       | 120                  | 108                                    | -12             | -1               | 3                                | 3                        |
| PAPER GOODS MACHINE SETTER/OPERATORS                | 130                  | 116                                    | -14             | -1               | 3                                | 3                        |
| PETROLEUM ENGINEERS                                 | 50                   | 36                                     | -14             | -1               | 1                                | 1                        |
| EXCAVATION LOADING MACHINE OPERATORS                | 751                  | 736                                    | -15             | -2               | 16                               | 16                       |
| SEPARATING, FILTERING MACHINE OPERATORS             | 76                   | 61                                     | -15             | -2               | 2                                | 2                        |
| PATTERN MARKERS, WOOD                               | 51                   | 35                                     | -16             | -2               | 1                                | 1                        |
| FARM & HOME MANAGEMENT ADVISORS                     | 155                  | 139                                    | -16             | -2               | 1                                | 1                        |
| ROTARY DRILL OPERATORS                              | 51                   | 34                                     | -17             | -2               | 0                                | 0                        |
| GAUGERS                                             | 61                   | 43                                     | -18             | -2               | 2                                | 2                        |
| MAIL MACHINE OPERATORS                              | 170                  | 152                                    | -18             | -2               | 7                                | 7                        |
| MUSICIANS, INSTRUMENTAL                             | 171                  | 152                                    | -19             | -2               | 3                                | 3                        |
| INDUSTRIAL MACHINERY MECHANICS                      | 332                  | 312                                    | -20             | -2               | 8                                | 8                        |
| BAKERS, MANUFACTURING                               | 57                   | 36                                     | -21             | -2               | 1                                | 1                        |
| OIL PUMPERS, EXCEPT WELL HEAD                       | 55                   | 33                                     | -22             | -2               | 1                                | 1                        |
| RAIL-TRACK LAYING EQUIPMENT OPERATORS               | 239                  | 217                                    | -22             | -2               | 3                                | 3                        |
| MILLWRIGHTS                                         | 409                  | 386                                    | -23             | -2               | 14                               | 14                       |
| PETROLEUM REFINERY OPERATORS                        | 147                  | 123                                    | -24             | -2               | 4                                | 4                        |
| HELPERS, ALL OTHER CONSTRUCTION                     | 192                  | 167                                    | -25             | -3               | 7                                | 7                        |
| DAIRY PROCESSING EQUIPMENT OPERATORS                | 82                   | 56                                     | -26             | -3               | 2                                | 2                        |
| MACHINE FEEDERS AND OFFBEARERS                      | 1,005                | 976                                    | -29             | -3               | 31                               | 31                       |
| METAL POURERS, BASIC SHAPES                         | 167                  | 138                                    | -29             | -3               | 3                                | 3                        |
| DERRICK OPERATORS, OIL & GAS                        | 87                   | 58                                     | -29             | -3               | 1                                | 1                        |
| ELECTRONICS REPAIRERS, COMMERCIAL & INDUSTRIAL      | 160                  | 131                                    | -29             | -3               | 3                                | 3                        |
| LOGGING TRACTOR OPERATORS                           | 285                  | 255                                    | -30             | -3               | 6                                | 6                        |
| OPERATING ENGINEERS                                 | 1,552                | 1,520                                  | -32             | -3               | 22                               | 22                       |
| ALL OTHER CLERICAL & ADMINISTRATIVE SUPPORT WORKERS | 1,120                | 1,087                                  | -33             | -3               | 7                                | 7                        |
| CRUSHING & MIXING MACHINE OPERATORS                 | 620                  | 580                                    | -40             | -4               | 15                               | 15                       |
| BANK TELLERS                                        | 1,801                | 1,761                                  | -40             | -4               | 79                               | 79                       |
| WELL HEAD PUMPERS                                   | 135                  | 89                                     | -46             | -5               | 1                                | 1                        |
| SIGNAL OR TRACK SWITCH MAINTENANCE WORKERS          | 77                   | 30                                     | -47             | -5               | 2                                | 2                        |
| ROUSTABOUTS                                         | 177                  | 119                                    | -58             | -6               | 2                                | 2                        |
| SERVICE UNIT OPERATORS                              | 227                  | 168                                    | -59             | -6               | 2                                | 2                        |
| SLAUGHTERERS AND BUTCHERS                           | 201                  | 132                                    | -69             | -7               | 5                                | 5                        |
| LOG HANDLING EQUIPMENT OPERATORS                    | 368                  | 288                                    | -80             | -8               | 9                                | 9                        |
| SAWING MACHINE OPERATORS/TENDERS                    | 593                  | 505                                    | -88             | -9               | 17                               | 17                       |
| FOOD BATCHMAKERS                                    | 278                  | 182                                    | -96             | -10              | 8                                | 8                        |
| GENERAL FARM & RANCH WORKERS                        | 13,453               | 11,721                                 | -1,732          | -173             | 281                              | 281                      |
| FARM & RANCH MANAGERS/OPERATORS                     | 13,422               | 11,677                                 | -1,745          | -175             | 117                              | 117                      |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                                     | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|--------------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| ACCOUNTANTS AND AUDITORS                               | 3,274                | 3,869                                  | 595             | 60               | 45                               | 105                      |
| ACTUARIES                                              | 9                    | 12                                     | 3               | 0                | 0                                | 0                        |
| ADJUDICATORS & HEARING OFFICERS                        | 123                  | 126                                    | 3               | 0                | 2                                | 2                        |
| ADJUSTMENT CLERKS                                      | 360                  | 453                                    | 93              | 9                | 2                                | 11                       |
| ADMINISTRATIVE SERVICE MANAGERS                        | 448                  | 542                                    | 94              | 9                | 7                                | 16                       |
| ADVERTISING CLERKS                                     | 70                   | 83                                     | 13              | 1                | 1                                | 2                        |
| AGRICULTURAL AND FOOD SCIENTISTS                       | 377                  | 376                                    | -1              | 0                | 10                               | 10                       |
| AGRICULTURAL ENGINEERS                                 | 18                   | 22                                     | 4               | 0                | 0                                | 0                        |
| AIR HAMMER OPERATORS                                   | 10                   | 9                                      | -1              | 0                | 0                                | 0                        |
| AIR TRAFFIC CONTROLLERS                                | 104                  | 112                                    | 8               | 1                | 2                                | 3                        |
| AIRCRAFT ENGINE SPECIALISTS                            | 33                   | 34                                     | 1               | 0                | 1                                | 1                        |
| AIRCRAFT MECHANICS                                     | 188                  | 210                                    | 22              | 2                | 4                                | 6                        |
| AIRCRAFT PILOTS, FLIGHT ENGINEERS                      | 141                  | 174                                    | 33              | 3                | 3                                | 6                        |
| ALL OTHER AGRIC., FOREST, FISH. WORKERS                | 938                  | 962                                    | 24              | 2                | 27                               | 29                       |
| ALL OTHER ASSEMBLERS, FABRICATORS                      | 1,573                | 2,146                                  | 573             | 57               | 25                               | 82                       |
| ALL OTHER CLEANING, BUILDING SERVICE                   | 957                  | 1,077                                  | 120             | 12               | 17                               | 29                       |
| ALL OTHER CLERICAL & ADMINISTRATIVE SUPPORT WORKERS    | 1,120                | 1,087                                  | -33             | -3               | 7                                | 7                        |
| ALL OTHER COMMUNICATION EQUIPMENT MECHANICS            | 190                  | 244                                    | 54              | 5                | 4                                | 9                        |
| ALL OTHER COMMUNICATION OPERATORS                      | 6                    | 5                                      | -1              | 0                | 0                                | 0                        |
| ALL OTHER COMPUTER SCIENTISTS                          | 30                   | 39                                     | 9               | 1                | 0                                | 1                        |
| ALL OTHER CONSTRUCTION WORKERS                         | 214                  | 233                                    | 19              | 2                | 3                                | 5                        |
| ALL OTHER CONSTRUCTION & EXTRACTIVE WORKERS            | 378                  | 402                                    | 24              | 2                | 4                                | 6                        |
| ALL OTHER ELECTRIC, ELECTROMECHANICAL MECHANICS        | 111                  | 138                                    | 27              | 3                | 3                                | 6                        |
| ALL OTHER ENGINEERING TECHNICIANS                      | 339                  | 352                                    | 13              | 1                | 7                                | 8                        |
| ALL OTHER ENGINEERS                                    | 282                  | 341                                    | 59              | 6                | 3                                | 9                        |
| ALL OTHER EXTRACTIVE OCCUPATIONS, EXCEPT HELPERS       | 59                   | 56                                     | -3              | 0                | 1                                | 1                        |
| ALL OTHER FINANCIAL SPECIALISTS                        | 319                  | 354                                    | 35              | 4                | 4                                | 8                        |
| ALL OTHER FOOD SERVICE WORKERS                         | 444                  | 573                                    | 129             | 13               | 16                               | 29                       |
| ALL OTHER HAND MATERIAL MOVERS                         | 2,044                | 2,191                                  | 147             | 15               | 78                               | 93                       |
| ALL OTHER HAND WORKERS                                 | 799                  | 971                                    | 172             | 17               | 16                               | 33                       |
| ALL OTHER HEALTH PROFESSIONALS, PARAPROF., TECHNICIANS | 738                  | 934                                    | 196             | 20               | 9                                | 29                       |
| ALL OTHER HEALTH SERVICE WORKERS                       | 379                  | 463                                    | 84              | 8                | 3                                | 11                       |
| ALL OTHER HELPERS, LABORERS, MOVERS                    | 3,887                | 4,239                                  | 352             | 35               | 89                               | 124                      |
| ALL OTHER INSPECTORS, TESTERS                          | 85                   | 88                                     | 3               | 0                | 2                                | 2                        |
| ALL OTHER LEGAL ASSISTANTS                             | 74                   | 100                                    | 26              | 3                | 0                                | 3                        |
| ALL OTHER LIFE SCIENTISTS                              | 218                  | 241                                    | 23              | 2                | 6                                | 8                        |
| ALL OTHER MACHINE OPERATORS                            | 878                  | 956                                    | 78              | 8                | 18                               | 26                       |
| ALL OTHER MACHINERY MECHANICS                          | 137                  | 150                                    | 13              | 1                | 3                                | 4                        |
| ALL OTHER MANAGEMENT SUPPORT WORKERS                   | 1,112                | 1,224                                  | 112             | 11               | 17                               | 28                       |
| ALL OTHER MANAGERS & ADMINISTRATORS                    | 4,791                | 6,481                                  | 1,690           | 169              | 73                               | 242                      |
| ALL OTHER MATERIAL MOVING OPERATORS                    | 318                  | 367                                    | 49              | 5                | 3                                | 8                        |
| ALL OTHER MATERIAL RECORDING & SCHEDULING WORKERS      | 178                  | 202                                    | 24              | 2                | 3                                | 5                        |
| ALL OTHER MECHANICS, INSTALLERS                        | 691                  | 824                                    | 133             | 13               | 9                                | 22                       |
| ALL OTHER METAL & PLASTIC MACHINERY OPERATORS          | 78                   | 109                                    | 31              | 3                | 2                                | 5                        |
| ALL OTHER MINING MACHINE OPERATORS                     | 118                  | 127                                    | 9               | 1                | 1                                | 2                        |
| ALL OTHER MOTOR VEHICLE OPERATORS                      | 84                   | 88                                     | 4               | 0                | 1                                | 1                        |
| ALL OTHER OFFICE MACHINE OPERATORS                     | 132                  | 161                                    | 29              | 3                | 5                                | 8                        |
| ALL OTHER PHYSICAL SCIENCE TEACHERS, POSTSECONDARY     | 67                   | 75                                     | 8               | 1                | 2                                | 3                        |
| ALL OTHER PHYSICAL SCIENTISTS                          | 265                  | 341                                    | 76              | 8                | 7                                | 15                       |
| ALL OTHER PLANT AND SYSTEM OCCUPATIONS                 | 100                  | 110                                    | 10              | 1                | 3                                | 4                        |
| ALL OTHER POST SECONDARY TEACHERS                      | 544                  | 607                                    | 63              | 6                | 15                               | 21                       |
| ALL OTHER PRECISION WOODWORKERS                        | 30                   | 28                                     | -2              | 0                | 1                                | 1                        |
| ALL OTHER PRECISION WORKERS                            | 99                   | 184                                    | 85              | 9                | 3                                | 12                       |
| ALL OTHER PROFESSIONALS, PARAPROF., TECHNICIANS        | 1,217                | 1,410                                  | 193             | 19               | 22                               | 41                       |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                        | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|-------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| ALL OTHER PROTECTIVE SERVICE WORKERS      | 246                  | 266                                    | 20              | 2                | 19                               | 21                       |
| ALL OTHER SALES & RELATED OCCUPATIONS     | 698                  | 900                                    | 202             | 20               | 25                               | 45                       |
| ALL OTHER SCIENCE TECHNICIANS             | 292                  | 314                                    | 22              | 2                | 6                                | 8                        |
| ALL OTHER SERVICE SALES OCCUPATIONS       | 62                   | 80                                     | 18              | 2                | 2                                | 4                        |
| ALL OTHER SERVICE SUPERVISORS             | 3,667                | 4,670                                  | 1,003           | 100              | 60                               | 160                      |
| ALL OTHER SERVICE WORKERS                 | 1,186                | 1,520                                  | 334             | 33               | 13                               | 46                       |
| ALL OTHER SOCIAL SCIENTISTS               | 215                  | 244                                    | 29              | 3                | 4                                | 7                        |
| ALL OTHER TEACHERS & INSTRUCTORS          | 89                   | 109                                    | 20              | 2                | 0                                | 2                        |
| ALL OTHER THERAPISTS                      | 131                  | 147                                    | 16              | 2                | 2                                | 4                        |
| ALL OTHER TIMBER CUTTING WORKERS          | 55                   | 47                                     | -8              | -1               | 1                                | 1                        |
| ALL OTHER TRANSPORTATION WORKERS          | 86                   | 92                                     | 6               | 1                | 1                                | 2                        |
| AMBULANCE DRIVERS & ATTENDANTS            | 70                   | 86                                     | 16              | 2                | 1                                | 3                        |
| AMUSEMENT & RECREATION ATTENDANTS         | 1,441                | 2,067                                  | 626             | 63               | 48                               | 111                      |
| ANIMAL CARETAKERS, EXCEPT FARM            | 808                  | 1,111                                  | 303             | 30               | 14                               | 44                       |
| ANNOUNCERS, RADIO AND TV                  | 348                  | 474                                    | 126             | 13               | 12                               | 25                       |
| ARCHITECTS, EXCEPT LAND & MARINE          | 584                  | 776                                    | 192             | 19               | 8                                | 27                       |
| ARTISTS AND COMMERCIAL ARTISTS            | 1,266                | 1,589                                  | 323             | 32               | 21                               | 53                       |
| ART, DRAMA, MUSIC TEACHERS, POSTSECONDARY | 177                  | 198                                    | 21              | 2                | 5                                | 7                        |
| ASSESSORS                                 | 252                  | 262                                    | 10              | 1                | 5                                | 6                        |
| ATHLETES, COACHES, UMPIRES & RELATED      | 13                   | 18                                     | 5               | 1                | 0                                | 1                        |
| ATMOSPHERIC & SPACE SCIENTISTS            | 37                   | 45                                     | 8               | 1                | 1                                | 2                        |
| AUDIOVISUAL SPECIALISTS                   | 56                   | 59                                     | 3               | 0                | 0                                | 0                        |
| AUTOMOTIVE BODY, RELATED REPAIRERS        | 1,692                | 1,913                                  | 221             | 22               | 40                               | 62                       |
| AUTOMOTIVE MECHANICS                      | 5,058                | 6,245                                  | 1,187           | 119              | 143                              | 262                      |
| AUXILIARY EQUIPMENT OPERATORS, POWER      | 46                   | 52                                     | 6               | 1                | 1                                | 2                        |
| BAGGAGE PORTERS AND BELLHOPS              | 91                   | 119                                    | 28              | 3                | 1                                | 4                        |
| BAILIFFS                                  | 11                   | 12                                     | 1               | 0                | 0                                | 0                        |
| BAKERS, BREAD AND PASTRY                  | 809                  | 986                                    | 177             | 18               | 20                               | 38                       |
| BAKERS, MANUFACTURING                     | 57                   | 36                                     | -21             | -2               | 1                                | 1                        |
| BANK TELLERS                              | 1,801                | 1,761                                  | -40             | -4               | 79                               | 79                       |
| BARBERS                                   | 280                  | 324                                    | 44              | 4                | 9                                | 13                       |
| BARTENDERS                                | 4,632                | 5,066                                  | 434             | 43               | 157                              | 200                      |
| BICYCLE REPAIRERS                         | 71                   | 78                                     | 7               | 1                | 1                                | 2                        |
| BILL AND ACCOUNT COLLECTORS               | 550                  | 680                                    | 130             | 13               | 5                                | 18                       |
| BILLING, COST AND RATE CLERKS             | 1,145                | 1,326                                  | 181             | 18               | 33                               | 51                       |
| BILL, POST, CALCULATE MACHINE OPERATORS   | 258                  | 293                                    | 35              | 4                | 10                               | 14                       |
| BINDERY MACHINE OPERATORS                 | 65                   | 76                                     | 11              | 1                | 2                                | 3                        |
| BINDERY MACHINE SETTER/OPERATORS          | 49                   | 58                                     | 9               | 1                | 1                                | 2                        |
| BIOLOGICAL SCIENTISTS                     | 679                  | 729                                    | 50              | 5                | 18                               | 23                       |
| BIOLOGICAL, AGRICULTURE, FOOD TECHNICIANS | 299                  | 312                                    | 13              | 1                | 6                                | 7                        |
| BLASTERS AND EXPLOSIVES WORKERS           | 232                  | 249                                    | 17              | 2                | 2                                | 4                        |
| BOILER OPERATORS, TENDER LOW PRESSURE     | 160                  | 149                                    | -11             | -1               | 5                                | 5                        |
| BOOKKEEPING & ACCOUNTING CLERKS           | 10,646               | 12,707                                 | 2,061           | 206              | 194                              | 400                      |
| BRICK MASONS                              | 349                  | 411                                    | 62              | 6                | 8                                | 14                       |
| BROADCAST NEWS ANALYSTS                   | 32                   | 44                                     | 12              | 1                | 1                                | 2                        |
| BROADCAST TECHNICIANS                     | 274                  | 363                                    | 89              | 9                | 5                                | 14                       |
| BROKERAGE CLERKS                          | 51                   | 71                                     | 20              | 2                | 1                                | 3                        |
| BROKERS, REAL ESTATE                      | 250                  | 269                                    | 19              | 2                | 4                                | 6                        |
| BUDGET ANALYSTS                           | 204                  | 220                                    | 16              | 2                | 3                                | 5                        |
| BUS DRIVERS                               | 265                  | 324                                    | 59              | 6                | 3                                | 9                        |
| BUS DRIVERS, SCHOOL                       | 1,880                | 2,220                                  | 340             | 34               | 23                               | 57                       |
| BUS, TRUCK, DIESEL ENGINE MECHANICS       | 1,429                | 1,651                                  | 222             | 22               | 36                               | 58                       |
| BUTCHERS AND MEAT CUTTERS                 | 580                  | 712                                    | 132             | 13               | 16                               | 29                       |
| CABINETMAKERS & BENCH CARPENTERS          | 990                  | 1,116                                  | 126             | 13               | 23                               | 36                       |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                                  | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|-----------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| CAMERA OPERATORS, DARKROOM                          | 38                   | 44                                     | 6               | 1                | 1                                | 2                        |
| CAMERA OPERATORS, TV & MOVIES                       | 61                   | 114                                    | 53              | 5                | 1                                | 6                        |
| CANNERY WORKERS                                     | 15                   | 10                                     | -5              | -1               | 0                                | 0                        |
| CARDIOLOGY TECHNOLOGISTS                            | 55                   | 68                                     | 13              | 1                | 1                                | 2                        |
| CARPENTERS                                          | 12,690               | 17,156                                 | 4,466           | 447              | 265                              | 712                      |
| CARPET INSTALLERS                                   | 76                   | 100                                    | 24              | 2                | 2                                | 4                        |
| CASHIERS                                            | 8,556                | 10,907                                 | 2,351           | 235              | 341                              | 576                      |
| CEILING TILE INSTALLERS                             | 20                   | 25                                     | 5               | 1                | 0                                | 1                        |
| CENTRAL OFFICE OPERATORS                            | 6                    | 8                                      | 2               | 0                | 0                                | 0                        |
| CENTRAL OFFICE & PBX INSTALLERS/REPAIRERS           | 228                  | 311                                    | 83              | 8                | 4                                | 12                       |
| CHEMICAL ENGINEERS                                  | 62                   | 80                                     | 18              | 2                | 1                                | 3                        |
| CHEMICAL EQUIPMENT CONTROLLER/OPERATORS             | 30                   | 43                                     | 13              | 1                | 1                                | 2                        |
| CHEMICAL PLANT AND SYSTEM OPERATORS                 | 38                   | 45                                     | 7               | 1                | 1                                | 2                        |
| CHEMICAL TECHNICIANS, EXCEPT HEALTH                 | 159                  | 171                                    | 12              | 1                | 3                                | 4                        |
| CHEMISTRY TEACHERS, POSTSECONDARY                   | 78                   | 87                                     | 9               | 1                | 2                                | 3                        |
| CHEMISTS                                            | 294                  | 354                                    | 60              | 6                | 6                                | 12                       |
| CHILD CARE WORKERS                                  | 8,787                | 12,160                                 | 3,373           | 337              | 58                               | 395                      |
| CHIROPRACTORS                                       | 581                  | 615                                    | 34              | 3                | 11                               | 14                       |
| CHOKE SETTERS                                       | 120                  | 108                                    | -12             | -1               | 3                                | 3                        |
| CIVIL ENGINEERING TECHNICIANS                       | 519                  | 584                                    | 65              | 7                | 11                               | 18                       |
| CIVIL ENGINEERS, INCLUDING TRAFFIC                  | 921                  | 1,053                                  | 132             | 13               | 22                               | 35                       |
| CLAIMS EXAMINERS, INSURANCE                         | 33                   | 39                                     | 6               | 1                | 0                                | 1                        |
| CLAIMS TAKERS, UNEMPLOYMENT BENEFITS                | 136                  | 141                                    | 5               | 1                | 3                                | 4                        |
| CLEANING, PICKLING EQUIPMENT OPERATORS              | 35                   | 27                                     | -8              | -1               | 1                                | 1                        |
| CLERGY                                              | 117                  | 144                                    | 27              | 3                | 2                                | 5                        |
| COATING, PAINTING SETTER/OPERATORS                  | 34                   | 36                                     | 2               | 0                | 1                                | 1                        |
| COIN & VENDING MACHINE SERVICERS                    | 90                   | 114                                    | 24              | 2                | 1                                | 3                        |
| COMBINATION MACHINE TOOL OPERATORS, METAL & PLASTIC | 22                   | 31                                     | 9               | 1                | 0                                | 1                        |
| COMMUNICATION, TRANSPORTATION, UTILITY MANAGERS     | 391                  | 478                                    | 87              | 9                | 6                                | 15                       |
| COMPUTER ENGINEERS                                  | 74                   | 100                                    | 26              | 3                | 0                                | 3                        |
| COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT     | 903                  | 960                                    | 57              | 6                | 23                               | 29                       |
| COMPUTER PROGRAMMER AIDES                           | 311                  | 334                                    | 23              | 2                | 7                                | 9                        |
| COMPUTER PROGRAMMERS                                | 768                  | 975                                    | 207             | 21               | 18                               | 39                       |
| COMPUTER SCIENCE TEACHERS, POSTSECONDARY            | 49                   | 55                                     | 6               | 1                | 1                                | 2                        |
| COMPUTER SUPPORT SPECIALISTS                        | 251                  | 253                                    | 2               | 0                | 6                                | 6                        |
| CONCRETE AND TERRAZZO FINISHERS                     | 583                  | 723                                    | 140             | 14               | 17                               | 31                       |
| CONSTRUCTION MANAGERS                               | 388                  | 473                                    | 85              | 9                | 6                                | 15                       |
| CONSTRUCTION, BUILDING INSPECTORS                   | 196                  | 203                                    | 7               | 1                | 3                                | 4                        |
| CONTINUOUS MINING MACHINE OPERATORS                 | 56                   | 59                                     | 3               | 0                | 1                                | 1                        |
| CONVEYOR OPERATORS AND TENDERS                      | 182                  | 185                                    | 3               | 0                | 2                                | 2                        |
| COOKS, FAST FOOD                                    | 2,758                | 3,724                                  | 966             | 97               | 70                               | 167                      |
| COOKS, INSTITUTION OR CAFETERIA                     | 1,583                | 1,752                                  | 169             | 17               | 40                               | 57                       |
| COOKS, RESTAURANT                                   | 3,545                | 4,971                                  | 1,426           | 143              | 90                               | 233                      |
| COOKS, SHORT ORDER                                  | 1,441                | 1,919                                  | 478             | 48               | 36                               | 84                       |
| CORRECTION OFFICERS AND JAILERS                     | 642                  | 934                                    | 292             | 29               | 7                                | 36                       |
| CORRECTIVE & MANUAL ARTS THERAPISTS                 | 20                   | 25                                     | 5               | 1                | 0                                | 1                        |
| CORRESPONDENCE CLERKS                               | 93                   | 96                                     | 3               | 0                | 2                                | 2                        |
| COST ESTIMATORS                                     | 504                  | 615                                    | 111             | 11               | 5                                | 16                       |
| COUNSELORS                                          | 623                  | 738                                    | 115             | 12               | 10                               | 22                       |
| COUNTER AND RENTAL CLERKS                           | 1,418                | 1,810                                  | 392             | 39               | 28                               | 67                       |
| COUNTER ATTENDANTS                                  | 652                  | 766                                    | 114             | 11               | 49                               | 60                       |
| COURT CLERKS                                        | 284                  | 328                                    | 44              | 4                | 2                                | 6                        |
| CRANE AND TOWER OPERATORS                           | 30                   | 29                                     | -1              | 0                | 1                                | 1                        |
| CREDIT ANALYSTS                                     | 57                   | 58                                     | 1               | 0                | 1                                | 1                        |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                                  | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|-----------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| CREDIT CHECKERS                                     | 88                   | 106                                    | 18              | 2                | 1                                | 3                        |
| CRIMINAL INVESTIGATORS, FEDERAL                     | 60                   | 59                                     | -1              | 0                | 2                                | 2                        |
| CROSSING GUARDS                                     | 144                  | 160                                    | 16              | 2                | 3                                | 5                        |
| CRUSHING & MIXING MACHINE OPERATORS                 | 620                  | 580                                    | -40             | -4               | 15                               | 15                       |
| CURATORS, ARCHIVISTS, MUSEUM TECHNICIANS            | 53                   | 73                                     | 20              | 2                | 1                                | 3                        |
| CUSTOM TAILORS AND SEWERS                           | 655                  | 737                                    | 82              | 8                | 12                               | 20                       |
| CUSTOMER SERVICE REPS, UTILITIES                    | 229                  | 291                                    | 62              | 6                | 5                                | 11                       |
| CUTTERS AND TRIMMERS, HAND                          | 47                   | 75                                     | 28              | 3                | 1                                | 4                        |
| CUTTING AND SLICING SETTER/OPERATORS                | 39                   | 51                                     | 12              | 1                | 1                                | 2                        |
| CUTTING & SLICING MACHINE OPERATORS                 | 43                   | 38                                     | -5              | -1               | 1                                | 1                        |
| DAIRY PROCESSING EQUIPMENT OPERATORS                | 82                   | 56                                     | -26             | -3               | 2                                | 2                        |
| DANCERS AND CHOREOGRAPHERS                          | 30                   | 43                                     | 13              | 1                | 1                                | 2                        |
| DATA ENTRY KEYERS, COMPOSING                        | 17                   | 20                                     | 3               | 0                | 0                                | 0                        |
| DATA ENTRY KEYERS, EXCEPT COMPOSING                 | 667                  | 845                                    | 178             | 18               | 5                                | 23                       |
| DATA PROCESSING EQUIPMENT REPAIRERS                 | 156                  | 197                                    | 41              | 4                | 1                                | 5                        |
| DATABASE ADMINISTRATORS                             | 47                   | 61                                     | 14              | 1                | 1                                | 2                        |
| DEMONSTRATORS, PROMOTERS, MODELS                    | 359                  | 1,010                                  | 651             | 65               | 13                               | 78                       |
| DENTAL ASSISTANTS                                   | 739                  | 909                                    | 170             | 17               | 18                               | 35                       |
| DENTAL HYGIENISTS                                   | 390                  | 484                                    | 94              | 9                | 5                                | 14                       |
| DENTAL LABORATORY TECHNICIANS                       | 205                  | 254                                    | 49              | 5                | 7                                | 12                       |
| DENTISTS                                            | 1,012                | 1,286                                  | 274             | 27               | 22                               | 49                       |
| DERRICK OPERATORS, OIL & GAS                        | 87                   | 58                                     | -29             | -3               | 1                                | 1                        |
| DESIGNERS, EXCEPT INTERIOR DESIGN                   | 1,267                | 1,492                                  | 225             | 23               | 17                               | 40                       |
| DETECTIVES AND INVESTIGATORS                        | 65                   | 85                                     | 20              | 2                | 1                                | 3                        |
| DIETETIC TECHNICIANS                                | 41                   | 51                                     | 10              | 1                | 1                                | 2                        |
| DIETICIANS AND NUTRITIONISTS                        | 189                  | 224                                    | 35              | 4                | 4                                | 8                        |
| DINING ROOM & BARTENDER HELPERS                     | 1,459                | 1,849                                  | 390             | 39               | 72                               | 111                      |
| DIRECTORS, RELIGIOUS ACTIVITIES EDUCATION           | 13                   | 16                                     | 3               | 0                | 0                                | 0                        |
| DIRECTORY ASSISTANCE OPERATORS                      | 6                    | 8                                      | 2               | 0                | 0                                | 0                        |
| DISPATCHERS: EXCEPT POLICE, FIRE, AMBULANCE         | 297                  | 356                                    | 59              | 6                | 4                                | 10                       |
| DISPATCHERS: POLICE, FIRE, AMBULANCE                | 708                  | 757                                    | 49              | 5                | 9                                | 14                       |
| DRAFTERS                                            | 644                  | 829                                    | 185             | 19               | 18                               | 37                       |
| DRAGLINE OPERATORS                                  | 69                   | 73                                     | 4               | 0                | 1                                | 1                        |
| DREDGE OPERATORS, DIPPER TENDERS                    | 7                    | 7                                      | 0               | 0                | 0                                | 0                        |
| DRILLING, BORING MACHINE OPERATORS, METAL & PLASTIC | 21                   | 36                                     | 15              | 2                | 0                                | 2                        |
| DRIVER/SALES WORKERS                                | 1,285                | 1,292                                  | 7               | 1                | 33                               | 34                       |
| DRYWALL INSTALLERS                                  | 54                   | 65                                     | 11              | 1                | 2                                | 3                        |
| DUPLICATING MACHINE OPERATORS                       | 201                  | 238                                    | 37              | 4                | 8                                | 12                       |
| EARTH DRILLERS, EXCEPT OIL & GAS                    | 326                  | 355                                    | 29              | 3                | 7                                | 10                       |
| ECONOMISTS                                          | 165                  | 157                                    | -8              | -1               | 5                                | 5                        |
| EDUCATION ADMINISTRATORS                            | 1,554                | 1,661                                  | 107             | 11               | 34                               | 45                       |
| EEG TECHNOLOGISTS                                   | 26                   | 32                                     | 6               | 1                | 0                                | 1                        |
| EKG TECHNICIANS                                     | 47                   | 58                                     | 11              | 1                | 1                                | 2                        |
| ELECTRIC METER INSTALLERS/REPAIRERS                 | 18                   | 20                                     | 2               | 0                | 0                                | 0                        |
| ELECTRIC MOTOR REPAIRERS                            | 52                   | 57                                     | 5               | 1                | 1                                | 2                        |
| ELECTRICAL INSTALLERS & REPAIRERS                   | 95                   | 100                                    | 5               | 1                | 2                                | 3                        |
| ELECTRICAL POWER LINE INSTALLER REPAIRERS           | 676                  | 734                                    | 58              | 6                | 18                               | 24                       |
| ELECTRICAL & ELECTRONIC ENGINEERS                   | 380                  | 485                                    | 105             | 11               | 8                                | 19                       |
| ELECTRICAL & ELECTRONIC TECHNICIANS                 | 523                  | 688                                    | 165             | 17               | 6                                | 23                       |
| ELECTRICAL, ELECTRONIC ASSEMBLERS                   | 30                   | 48                                     | 18              | 2                | 0                                | 2                        |
| ELECTRICAL, ELECTRONIC ASSEMBLERS, PRECISION        | 71                   | 91                                     | 20              | 2                | 1                                | 3                        |
| ELECTRICIANS                                        | 1,895                | 2,275                                  | 380             | 38               | 36                               | 74                       |
| ELECTROLYTIC PLATING OPERATORS, METAL & PLASTIC     | 6                    | 7                                      | 1               | 0                | 0                                | 0                        |
| ELECTROMEDICAL & BIOMEDICAL REPAIRERS               | 28                   | 34                                     | 6               | 1                | 0                                | 1                        |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                                  | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|-----------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| ELECTRONIC HOME APPLIANCE & POWER TOOL REPAIRERS    | 298                  | 366                                    | 68              | 7                | 8                                | 15                       |
| ELECTRONIC HOME ENTERTAINMENT EQUIPMENT REPAIRERS   | 209                  | 248                                    | 39              | 4                | 4                                | 8                        |
| ELECTRONIC PAGINATION SYSTEM OPERATORS              | 86                   | 101                                    | 15              | 2                | 2                                | 4                        |
| ELECTRONICS REPAIRERS, COMMERCIAL & INDUSTRIAL      | 160                  | 131                                    | -29             | -3               | 3                                | 3                        |
| ELEVATOR INSTALLERS & REPAIRERS                     | 18                   | 23                                     | 5               | 1                | 0                                | 1                        |
| EMBALMERS                                           | 83                   | 85                                     | 2               | 0                | 2                                | 2                        |
| EMERGENCY MEDICAL TECHNICIANS                       | 487                  | 609                                    | 122             | 12               | 6                                | 18                       |
| EMPLOYMENT INTERVIEWERS                             | 186                  | 188                                    | 2               | 0                | 3                                | 3                        |
| ENGINEERING TEACHERS, POSTSECONDARY                 | 133                  | 148                                    | 15              | 2                | 4                                | 6                        |
| ENGINEERING, MATH., NATURAL SCIENCE MANAGERS        | 502                  | 590                                    | 88              | 9                | 8                                | 17                       |
| ENGLISH/FOREIGN LANGUAGE TEACHERS, POSTSECONDARY    | 185                  | 207                                    | 22              | 2                | 5                                | 7                        |
| ENGRAVING AND PRINTING WORKERS, HAND                | 23                   | 40                                     | 17              | 2                | 0                                | 2                        |
| ESTIMATORS & DRAFTERS, UTILITIES                    | 32                   | 36                                     | 4               | 0                | 1                                | 1                        |
| EXCAVATION LOADING MACHINE OPERATORS                | 751                  | 736                                    | -15             | -2               | 16                               | 16                       |
| EXTRUDING MACHINE SETTER/OPERATORS, METAL & PLASTIC | 36                   | 29                                     | -7              | -1               | 1                                | 1                        |
| EXTRUDING & FORMING OPERATORS                       | 11                   | 9                                      | -2              | 0                | 0                                | 0                        |
| EXTRUDING, FORMING SETTER/OPERATORS                 | 22                   | 31                                     | 9               | 1                | 1                                | 2                        |
| FALLERS AND BUCKERS                                 | 1,960                | 1,993                                  | 33              | 3                | 50                               | 53                       |
| FARM EQUIPMENT MECHANICS                            | 393                  | 440                                    | 47              | 5                | 11                               | 16                       |
| FARM & HOME MANAGEMENT ADVISORS                     | 155                  | 139                                    | -16             | -2               | 1                                | 1                        |
| FARM & RANCH EQUIPMENT OPERATORS                    | 9                    | 13                                     | 4               | 0                | 0                                | 0                        |
| FARM & RANCH MANAGERS/OPERATORS                     | 13,422               | 11,677                                 | -1,745          | -175             | 117                              | 117                      |
| FENCE ERECTORS                                      | 287                  | 363                                    | 76              | 8                | 4                                | 12                       |
| FILE CLERKS                                         | 407                  | 486                                    | 79              | 8                | 16                               | 24                       |
| FILM EDITORS                                        | 159                  | 183                                    | 24              | 2                | 2                                | 4                        |
| FINANCIAL ANALYSTS, STATISTICAL                     | 10                   | 12                                     | 2               | 0                | 0                                | 0                        |
| FINANCIAL MANAGERS                                  | 1,546                | 1,855                                  | 309             | 31               | 22                               | 53                       |
| FIRE INSPECTORS                                     | 17                   | 18                                     | 1               | 0                | 1                                | 1                        |
| FIREFIGHTERS                                        | 230                  | 248                                    | 18              | 2                | 8                                | 10                       |
| FIREFIGHTING & FIRE PREVENTION SUPERVISORS          | 46                   | 49                                     | 3               | 0                | 2                                | 2                        |
| FIRST LINE SUPERVISORS: AG, FOREST, FISH            | 560                  | 573                                    | 13              | 1                | 8                                | 9                        |
| FIRST LINE SUPERVISORS: ALL OTHER                   | 329                  | 382                                    | 53              | 5                | 7                                | 12                       |
| FIRST LINE SUPERVISORS: CLERICAL                    | 3,330                | 3,955                                  | 625             | 63               | 75                               | 138                      |
| FIRST LINE SUPERVISORS: CONSTRUCTION & EXTRACTION   | 5,095                | 6,210                                  | 1,115           | 112              | 117                              | 229                      |
| FIRST LINE SUPERVISORS: HELPERS & LABORERS          | 168                  | 190                                    | 22              | 2                | 4                                | 6                        |
| FIRST LINE SUPERVISORS: MECHANICAL & REPAIRERS      | 1,230                | 1,460                                  | 230             | 23               | 36                               | 59                       |
| FIRST LINE SUPERVISORS: PRODUCTION                  | 1,031                | 1,162                                  | 131             | 13               | 30                               | 43                       |
| FIRST LINE SUPERVISORS: SALES                       | 15,875               | 18,265                                 | 2,390           | 239              | 254                              | 493                      |
| FIRST LINE SUPERVISORS: TRANSPORTATION              | 554                  | 595                                    | 41              | 4                | 13                               | 17                       |
| FISH AND GAME WARDENS                               | 83                   | 86                                     | 3               | 0                | 1                                | 1                        |
| FOOD BATCHMAKERS                                    | 278                  | 182                                    | -96             | -10              | 8                                | 8                        |
| FOOD PREPARATION WORKERS                            | 4,836                | 6,349                                  | 1,513           | 151              | 145                              | 296                      |
| FOOD PREPARATION & SERVICE, FAST FOOD               | 6,789                | 8,028                                  | 1,239           | 124              | 203                              | 327                      |
| FOOD SERVERS                                        | 513                  | 653                                    | 140             | 14               | 38                               | 52                       |
| FOOD SERVICE & LODGING MANAGERS                     | 3,140                | 3,837                                  | 697             | 70               | 47                               | 117                      |
| FOREST AND CONSERVATION WORKERS                     | 772                  | 863                                    | 91              | 9                | 20                               | 29                       |
| FOREST FIRE INSPECTORS & PREVENTION                 | 11                   | 11                                     | 0               | 0                | 0                                | 0                        |
| FORESTER, CONSERVATION SCIENTISTS                   | 1,176                | 1,213                                  | 37              | 4                | 32                               | 36                       |
| FOUNDRY MOLD AND CORE MAKERS                        | 16                   | 13                                     | -3              | 0                | 0                                | 0                        |
| FRAME WIRERS, CENTRAL OFFICE                        | 20                   | 27                                     | 7               | 1                | 0                                | 1                        |
| FUNERAL ATTENDANTS                                  | 89                   | 93                                     | 4               | 0                | 1                                | 1                        |
| FUNERAL DIRECTORS AND MORTICIANS                    | 148                  | 157                                    | 9               | 1                | 2                                | 3                        |
| FURNACE OPERATORS AND TENDERS                       | 16                   | 13                                     | -3              | 0                | 0                                | 0                        |
| FURNACE, KILN, OVEN, KETTLE OPERATORS               | 163                  | 211                                    | 48              | 5                | 3                                | 8                        |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                          | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|---------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| FURNITURE FINISHERS                         | 131                  | 152                                    | 21              | 2                | 3                                | 5                        |
| GARDENERS & GROUNDSKEEPERS, EXCEPT FARM     | 1,234                | 1,698                                  | 464             | 46               | 26                               | 72                       |
| GAS APPLIANCE REPAIRERS                     | 51                   | 63                                     | 12              | 1                | 1                                | 2                        |
| GAS COMPRESSOR OPERATORS                    | 9                    | 10                                     | 1               | 0                | 0                                | 0                        |
| GAS PLANT OPERATORS                         | 46                   | 52                                     | 6               | 1                | 1                                | 2                        |
| GAS PUMPING STATION OPERATORS               | 6                    | 7                                      | 1               | 0                | 0                                | 0                        |
| GAUGERS                                     | 61                   | 43                                     | -18             | -2               | 2                                | 2                        |
| GENERAL FARM & RANCH WORKERS                | 13,453               | 11,721                                 | -1,732          | -173             | 281                              | 281                      |
| GENERAL MANAGERS AND TOP EXECUTIVES         | 8,654                | 10,638                                 | 1,984           | 198              | 130                              | 328                      |
| GENERAL OFFICE CLERKS                       | 9,346                | 11,070                                 | 1,724           | 172              | 162                              | 334                      |
| GEOLOGISTS, GEOPHYSICISTS, OCEANOGRAPHERS   | 378                  | 411                                    | 33              | 3                | 9                                | 12                       |
| GLAZIERS                                    | 233                  | 267                                    | 34              | 3                | 5                                | 8                        |
| GLAZIERS, MANUFACTURING                     | 9                    | 10                                     | 1               | 0                | 0                                | 0                        |
| GOVERNMENT CHIEF EXECUTIVES & LEGISLATORS   | 587                  | 579                                    | -8              | -1               | 12                               | 12                       |
| GRADERS & SORTERS, AGRICULTURE PRODUCTION   | 95                   | 104                                    | 9               | 1                | 2                                | 3                        |
| GRADER, DOZER, SCRAPER OPERATORS            | 700                  | 735                                    | 35              | 4                | 14                               | 18                       |
| GRADUATE ASSISTANTS, TEACHING               | 839                  | 937                                    | 98              | 10               | 23                               | 33                       |
| GRINDING AND POLISHING WORKERS, HAND        | 98                   | 136                                    | 38              | 4                | 2                                | 6                        |
| GRINDING MACHINE OPERATORS, METAL & PLASTIC | 30                   | 55                                     | 25              | 3                | 1                                | 4                        |
| GUARDS                                      | 1,493                | 2,036                                  | 543             | 54               | 28                               | 82                       |
| GUIDES                                      | 107                  | 136                                    | 29              | 3                | 4                                | 7                        |
| HAIRDRESSERS AND COSMETOLOGISTS             | 4,302                | 4,833                                  | 531             | 53               | 58                               | 111                      |
| HAND PACKERS AND PACKAGERS                  | 1,233                | 1,530                                  | 297             | 30               | 26                               | 56                       |
| HAND WORKERS, JEWELRY, PRECISION            | 6                    | 12                                     | 6               | 1                | 0                                | 1                        |
| HARD TILE SETTERS                           | 53                   | 69                                     | 16              | 2                | 1                                | 3                        |
| HEAD SAWYERS & SAW MACHINE OPERATORS        | 90                   | 81                                     | -9              | -1               | 3                                | 3                        |
| HEALTH SPECIALTIES TEACHERS, POSTSECONDARY  | 87                   | 97                                     | 10              | 1                | 2                                | 3                        |
| HEATING, A/C, REFRIGERATION MECHANICS       | 842                  | 1,033                                  | 191             | 19               | 14                               | 33                       |
| HELPERS, ALL OTHER CONSTRUCTION             | 192                  | 167                                    | -25             | -3               | 7                                | 7                        |
| HELPERS, BRICK & MASONS                     | 107                  | 139                                    | 32              | 3                | 4                                | 7                        |
| HELPERS, CARPENTERS                         | 802                  | 1,108                                  | 306             | 31               | 30                               | 61                       |
| HELPERS, ELECTRICIANS                       | 212                  | 245                                    | 33              | 3                | 8                                | 11                       |
| HELPERS, EXTRACTIVE WORKERS                 | 70                   | 86                                     | 16              | 2                | 3                                | 5                        |
| HELPERS, PAINTERS, PLASTERERS               | 43                   | 55                                     | 12              | 1                | 2                                | 3                        |
| HELPERS, PLUMBERS, PIPE FITTERS             | 176                  | 216                                    | 40              | 4                | 7                                | 11                       |
| HELPERS, ROOFERS                            | 41                   | 52                                     | 11              | 1                | 2                                | 3                        |
| HIGHWAY MAINTENANCE WORKERS                 | 732                  | 832                                    | 100             | 10               | 9                                | 19                       |
| HOIST AND WINCH OPERATORS                   | 58                   | 52                                     | -6              | -1               | 1                                | 1                        |
| HOME HEALTH AIDES                           | 1,870                | 2,810                                  | 940             | 94               | 22                               | 116                      |
| HOSTS & HOSTESSES: RESTAURANT, LOUNGE       | 730                  | 968                                    | 238             | 24               | 12                               | 36                       |
| HOTEL DESK CLERKS                           | 1,411                | 1,763                                  | 352             | 35               | 50                               | 85                       |
| HOUSEKEEPING SUPERVISORS                    | 395                  | 485                                    | 90              | 9                | 9                                | 18                       |
| HUMAN SERVICES WORKERS                      | 743                  | 1,002                                  | 259             | 26               | 7                                | 33                       |
| INDUSTRIAL ENGINEERS, EXCEPT SAFETY         | 22                   | 31                                     | 9               | 1                | 1                                | 2                        |
| INDUSTRIAL MACHINERY MECHANICS              | 332                  | 312                                    | -20             | -2               | 8                                | 8                        |
| INDUSTRIAL PRODUCTION MANAGERS              | 243                  | 292                                    | 49              | 5                | 4                                | 9                        |
| INDUSTRIAL TRUCK & TRACTOR OPERATORS        | 1,177                | 1,258                                  | 81              | 8                | 24                               | 32                       |
| INSPECTORS & COMPLIANCE OFFICERS            | 830                  | 925                                    | 95              | 10               | 13                               | 23                       |
| INSTRUCTIONAL COORDINATORS                  | 197                  | 217                                    | 20              | 2                | 1                                | 3                        |
| INSTRUCTORS AND COACHES, SPORTS             | 1,748                | 2,249                                  | 501             | 50               | 7                                | 57                       |
| INSTRUCTORS, NONVOCATIONAL EDUCATION        | 3,016                | 3,605                                  | 589             | 59               | 12                               | 71                       |
| INSTRUMENT MAKERS, PRECISION                | 6                    | 7                                      | 1               | 0                | 0                                | 0                        |
| INSULATION WORKERS                          | 192                  | 226                                    | 34              | 3                | 8                                | 11                       |
| INSURANCE ADJUSTERS & INVESTIGATORS         | 325                  | 424                                    | 99              | 10               | 2                                | 12                       |

\*Numbers may not add due to rounding.

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                                       | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|----------------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| INSURANCE CLAIMS CLERKS                                  | 296                  | 359                                    | 63              | 6                | 2                                | 8                        |
| INSURANCE POLICY PROCESSING CLERKS                       | 519                  | 626                                    | 107             | 11               | 13                               | 24                       |
| INSURANCE SALES WORKERS                                  | 2,474                | 2,851                                  | 377             | 38               | 51                               | 89                       |
| INTERIOR DESIGNERS                                       | 340                  | 428                                    | 88              | 9                | 5                                | 14                       |
| INTERVIEWING CLERKS, EXCEPT PERSONNEL                    | 317                  | 402                                    | 85              | 9                | 9                                | 18                       |
| JANITORS AND CLEANERS                                    | 9,000                | 11,282                                 | 2,282           | 228              | 173                              | 401                      |
| JEWELERS AND SILVERSMITHS                                | 123                  | 156                                    | 33              | 3                | 3                                | 6                        |
| JOB PRINTERS                                             | 79                   | 93                                     | 14              | 1                | 2                                | 3                        |
| JUDGES AND MAGISTRATES                                   | 241                  | 239                                    | -2              | 0                | 3                                | 3                        |
| LANDSCAPE ARCHITECTS                                     | 39                   | 45                                     | 6               | 1                | 1                                | 2                        |
| LATHE, TURNING MACHINE SETTER/OPERATORS, METAL & PLASTIC | 6                    | 7                                      | 1               | 0                | 0                                | 0                        |
| LAUNDRY, DRY-CLEANING MACHINE OPERATORS                  | 991                  | 1,195                                  | 204             | 20               | 19                               | 39                       |
| LAW CLERKS                                               | 141                  | 149                                    | 8               | 1                | 2                                | 3                        |
| LAWN MAINTENANCE WORKERS                                 | 370                  | 539                                    | 169             | 17               | 8                                | 25                       |
| LAWN SERVICE MANAGERS                                    | 7                    | 10                                     | 3               | 0                | 0                                | 0                        |
| LAWYERS                                                  | 3,828                | 4,037                                  | 209             | 21               | 51                               | 72                       |
| LAYOUT WORKERS, METAL, PRECISION                         | 17                   | 21                                     | 4               | 0                | 0                                | 0                        |
| LECTURERS                                                | 134                  | 144                                    | 10              | 1                | 2                                | 3                        |
| LEGAL SECRETARIES                                        | 693                  | 899                                    | 206             | 21               | 15                               | 36                       |
| LETTERPRESS SETTER/OPERATORS                             | 15                   | 18                                     | 3               | 0                | 0                                | 0                        |
| LIBRARIANS, PROFESSIONAL                                 | 692                  | 690                                    | -2              | 0                | 14                               | 14                       |
| LIBRARY ASSISTANTS & BOOKMOBILE DRIVERS                  | 399                  | 418                                    | 19              | 2                | 16                               | 18                       |
| LICENSE CLERKS                                           | 334                  | 341                                    | 7               | 1                | 2                                | 3                        |
| LICENSED PRACTICAL NURSES                                | 2,792                | 3,459                                  | 667             | 67               | 40                               | 107                      |
| LIFE SCIENCE TEACHERS, POSTSECONDARY                     | 270                  | 301                                    | 31              | 3                | 7                                | 10                       |
| LOAD, MACHINE OPERATORS, UNDERGROUND MINING              | 51                   | 54                                     | 3               | 0                | 1                                | 1                        |
| LOAN AND CREDIT CLERKS                                   | 604                  | 626                                    | 22              | 2                | 7                                | 9                        |
| LOAN INTERVIEWERS                                        | 5                    | 5                                      | 0               | 0                | 0                                | 0                        |
| LOAN OFFICERS AND COUNSELORS                             | 1,017                | 1,020                                  | 3               | 0                | 13                               | 13                       |
| LOCKSMITHS AND SAFE REPAIRERS                            | 6                    | 6                                      | 0               | 0                | 0                                | 0                        |
| LOCOMOTIVE ENGINEERS                                     | 457                  | 445                                    | -12             | -1               | 3                                | 3                        |
| LOG GRADERS AND SCALERS                                  | 44                   | 39                                     | -5              | -1               | 1                                | 1                        |
| LOG HANDLING EQUIPMENT OPERATORS                         | 368                  | 288                                    | -80             | -8               | 9                                | 9                        |
| LOGGING TRACTOR OPERATORS                                | 285                  | 255                                    | -30             | -3               | 6                                | 6                        |
| MACHINE ASSEMBLERS                                       | 38                   | 70                                     | 32              | 3                | 1                                | 4                        |
| MACHINE BUILDERS, ASSEMBLERS                             | 12                   | 20                                     | 8               | 1                | 0                                | 1                        |
| MACHINE FEEDERS AND OFFBEARERS                           | 1,005                | 976                                    | -29             | -3               | 31                               | 31                       |
| MACHINE FORMING OPERATORS, METAL & PLASTIC               | 45                   | 72                                     | 27              | 3                | 1                                | 4                        |
| MACHINE TOOL CUTTING OPERATORS, METAL & PLASTIC          | 62                   | 94                                     | 32              | 3                | 1                                | 4                        |
| MACHINERY MAINTENANCE WORKERS                            | 150                  | 146                                    | -4              | 0                | 3                                | 3                        |
| MACHINERY MECHANICS WATER/POWER                          | 259                  | 279                                    | 20              | 2                | 6                                | 8                        |
| MACHINISTS                                               | 680                  | 875                                    | 195             | 20               | 15                               | 35                       |
| MAIDS AND HOUSEKEEPING CLEANERS                          | 5,582                | 6,991                                  | 1,409           | 141              | 79                               | 220                      |
| MAIL CLERKS, EXCEPT MAIL MACHINE                         | 420                  | 521                                    | 101             | 10               | 14                               | 24                       |
| MAIL MACHINE OPERATORS                                   | 170                  | 152                                    | -18             | -2               | 7                                | 7                        |
| MAIN LINE STATION ENGINEERS                              | 15                   | 10                                     | -5              | -1               | 0                                | 0                        |
| MAINTENANCE REPAIRERS, GENERAL UTILITIES                 | 4,783                | 5,920                                  | 1,137           | 114              | 74                               | 188                      |
| MANAGEMENT ANALYSTS                                      | 524                  | 621                                    | 97              | 10               | 5                                | 15                       |
| MANICURISTS                                              | 28                   | 28                                     | 0               | 0                | 0                                | 0                        |
| MARKETING, ADVERTISING, PUBLIC RELATIONS MGRS.           | 718                  | 954                                    | 236             | 24               | 12                               | 36                       |
| MARKING CLERKS                                           | 108                  | 143                                    | 35              | 4                | 2                                | 6                        |
| MATH SCIENTISTS                                          | 14                   | 12                                     | -2              | 0                | 0                                | 0                        |
| MATHEMATICAL TEACHERS, POSTSECONDARY                     | 112                  | 125                                    | 13              | 1                | 3                                | 4                        |
| MEAT, POULTRY, FISH CUTTERS                              | 9                    | 6                                      | -3              | 0                | 0                                | 0                        |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                                       | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|----------------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| MECHANIC AND REPAIRER HELPERS                            | 532                  | 641                                    | 109             | 11               | 16                               | 27                       |
| MECHANICAL CONTROL INSTALLERS & REPAIRERS                | 59                   | 64                                     | 5               | 1                | 1                                | 2                        |
| MECHANICAL ENGINEERING TECHNICIANS                       | 239                  | 392                                    | 153             | 15               | 3                                | 18                       |
| MECHANICAL ENGINEERS                                     | 354                  | 481                                    | 127             | 13               | 7                                | 20                       |
| MEDICAL APPLIANCE MAKERS                                 | 36                   | 36                                     | 0               | 0                | 1                                | 1                        |
| MEDICAL ASSISTANTS                                       | 485                  | 602                                    | 117             | 12               | 6                                | 18                       |
| MEDICAL RECORDS TECHNICIANS                              | 345                  | 422                                    | 77              | 8                | 4                                | 12                       |
| MEDICAL SCIENTISTS                                       | 35                   | 42                                     | 7               | 1                | 1                                | 2                        |
| MEDICAL SECRETARIES                                      | 696                  | 868                                    | 172             | 17               | 15                               | 32                       |
| MEDICAL/CLINICAL LABORATORY TECHNOLOGISTS                | 508                  | 618                                    | 110             | 11               | 8                                | 19                       |
| MEDICAL/CLINICAL LAB. TECHNICIANS                        | 308                  | 381                                    | 73              | 7                | 5                                | 12                       |
| MEDICINE AND HEALTH SERVICE MANAGERS                     | 790                  | 995                                    | 205             | 21               | 12                               | 33                       |
| MENDERS, GARMENTS AND LINENS                             | 34                   | 37                                     | 3               | 0                | 1                                | 1                        |
| MERCHANDISE DISPLAYERS                                   | 198                  | 261                                    | 63              | 6                | 3                                | 9                        |
| MESSENGERS                                               | 179                  | 220                                    | 41              | 4                | 4                                | 8                        |
| METAL FABRICATORS, STRUCTURAL METAL                      | 96                   | 119                                    | 23              | 2                | 2                                | 4                        |
| METAL MOLDING, CASTING OPERATORS                         | 7                    | 6                                      | -1              | 0                | 0                                | 0                        |
| METAL MOLDING, CASTING SETTER/OPERATORS                  | 15                   | 13                                     | -2              | 0                | 0                                | 0                        |
| METAL POURERS, BASIC SHAPES                              | 167                  | 138                                    | -29             | -3               | 3                                | 3                        |
| METALLURGISTS AND RELATED ENGINEERS                      | 16                   | 21                                     | 5               | 1                | 0                                | 1                        |
| METER READERS, UTILITIES                                 | 238                  | 256                                    | 18              | 2                | 5                                | 7                        |
| MILLING, PLANING MACHINE OPERATORS, METAL & PLASTIC      | 8                    | 15                                     | 7               | 1                | 0                                | 1                        |
| MILLWRIGHTS                                              | 409                  | 386                                    | -23             | -2               | 14                               | 14                       |
| MINE CUTTING MACHINE OPERATORS                           | 73                   | 77                                     | 4               | 0                | 1                                | 1                        |
| MINE MACHINERY MECHANICS                                 | 67                   | 69                                     | 2               | 0                | 2                                | 2                        |
| MINING AND RELATED MANAGERS                              | 91                   | 81                                     | -10             | -1               | 1                                | 1                        |
| MINING ENGINEERS, INCLUDING SAFETY                       | 68                   | 76                                     | 8               | 1                | 2                                | 3                        |
| MOBILE HEAVY EQUIPMENT MECHANICS                         | 890                  | 930                                    | 40              | 4                | 25                               | 29                       |
| MOBILE HOME INSTALLERS & REPAIRERS                       | 57                   | 73                                     | 16              | 2                | 1                                | 3                        |
| MOLDERS AND CASTERS, HAND                                | 60                   | 95                                     | 35              | 4                | 1                                | 5                        |
| MOLDERS & SHAPERS, EXCEPT JEWELRY                        | 6                    | 11                                     | 5               | 1                | 0                                | 1                        |
| MOTION PICTURE PROJECTIONISTS                            | 91                   | 108                                    | 17              | 2                | 2                                | 4                        |
| MOTORCYCLE REPAIRERS                                     | 192                  | 211                                    | 19              | 2                | 6                                | 8                        |
| MUNICIPAL CLERKS                                         | 62                   | 67                                     | 5               | 1                | 0                                | 1                        |
| MUSICAL INSTRUMENT REPAIRERS & TUNERS                    | 255                  | 276                                    | 21              | 2                | 5                                | 7                        |
| MUSICIANS, INSTRUMENTAL                                  | 171                  | 152                                    | -19             | -2               | 3                                | 3                        |
| NEW ACCOUNTS CLERKS                                      | 293                  | 284                                    | -9              | -1               | 8                                | 8                        |
| NUCLEAR MEDICINE TECHNOLOGISTS                           | 19                   | 23                                     | 4               | 0                | 0                                | 0                        |
| NUMERICAL CONTROL MACHINERY TOOL OPERATORS, MTL. & PLST. | 5                    | 7                                      | 2               | 0                | 0                                | 0                        |
| NURSERY WORKERS                                          | 469                  | 556                                    | 87              | 9                | 14                               | 23                       |
| NURSERY & GREENHOUSE MANAGERS                            | 10                   | 11                                     | 1               | 0                | 0                                | 0                        |
| NURSING AIDES AND ORDERLIES                              | 5,161                | 6,516                                  | 1,355           | 136              | 59                               | 195                      |
| NURSING INSTRUCTORS                                      | 118                  | 135                                    | 17              | 2                | 2                                | 4                        |
| OCCUPATIONAL THERAPISTS                                  | 172                  | 194                                    | 22              | 2                | 3                                | 5                        |
| OCCUPATIONAL THERAPY ASSISTANTS                          | 20                   | 25                                     | 5               | 1                | 0                                | 1                        |
| OFFICE MACHINE & CASH REGISTER SERVICERS                 | 311                  | 361                                    | 50              | 5                | 13                               | 18                       |
| OFFSET LITHOGRAPHIC PRESS SETTERS                        | 199                  | 217                                    | 18              | 2                | 4                                | 6                        |
| OIL PUMPERS, EXCEPT WELL HEAD                            | 55                   | 33                                     | -22             | -2               | 1                                | 1                        |
| OPERATING ENGINEERS                                      | 1,552                | 1,520                                  | -32             | -3               | 22                               | 22                       |
| OPERATIONS AND RESEARCH ANALYSTS                         | 20                   | 25                                     | 5               | 1                | 0                                | 1                        |
| OPTICIANS, DISPENSING & MEASURING                        | 464                  | 538                                    | 74              | 7                | 6                                | 13                       |
| OPTOMETRISTS                                             | 484                  | 558                                    | 74              | 7                | 9                                | 16                       |
| ORDER CLERKS: MATERIALS, SERVICE                         | 405                  | 517                                    | 112             | 11               | 8                                | 19                       |
| ORDER FILLERS, SALES                                     | 742                  | 857                                    | 115             | 12               | 15                               | 27                       |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                               | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|--------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| OTHER SALES REPS, EXCEPT RETAIL                  | 4,066                | 4,633                                  | 567             | 57               | 87                               | 144                      |
| PACKAGING & FILLING MACHINE OPERATORS            | 432                  | 425                                    | -7              | -1               | 8                                | 8                        |
| PAINTERS AND PAPERHANGERS                        | 2,842                | 3,794                                  | 952             | 95               | 62                               | 157                      |
| PAINTERS, TRANSPORTATION EQUIPMENT               | 285                  | 357                                    | 72              | 7                | 8                                | 15                       |
| PAINTING MACHINE OPERATORS & TENDERS             | 79                   | 119                                    | 40              | 4                | 2                                | 6                        |
| PAINTING, COATING AND DECORATING WORKERS, HAND   | 148                  | 174                                    | 26              | 3                | 3                                | 6                        |
| PAPER GOODS MACHINE SETTER/OPERATORS             | 130                  | 116                                    | -14             | -1               | 3                                | 3                        |
| PARALEGALS                                       | 340                  | 502                                    | 162             | 16               | 1                                | 17                       |
| PARKING ENFORCEMENT OFFICERS                     | 19                   | 20                                     | 1               | 0                | 0                                | 0                        |
| PASTE-UP WORKERS                                 | 73                   | 86                                     | 13              | 1                | 2                                | 3                        |
| PATTERN MAKERS, LAYOUT WORKERS, FABRIC & APPAREL | 8                    | 7                                      | -1              | 0                | 0                                | 0                        |
| PATTERN MAKERS, MODEL MAKERS                     | 10                   | 15                                     | 5               | 1                | 0                                | 1                        |
| PATTERN MARKERS, WOOD                            | 51                   | 35                                     | -16             | -2               | 1                                | 1                        |
| PAVING, SURFACING, TAMPING OPERATORS             | 226                  | 219                                    | -7              | -1               | 5                                | 5                        |
| PAYROLL AND TIMEKEEPING CLERKS                   | 344                  | 369                                    | 25              | 3                | 8                                | 11                       |
| PERIPHERAL EDP EQUIPMENT OPERATORS               | 86                   | 93                                     | 7               | 1                | 2                                | 3                        |
| PERSONAL HOME CARE AIDES                         | 1,638                | 2,274                                  | 636             | 64               | 17                               | 81                       |
| PERSONNEL CLERKS, EXCEPT PAYROLL                 | 223                  | 252                                    | 29              | 3                | 3                                | 6                        |
| PERSONNEL, TRAINING, LABOR RELATIONS MANAGERS    | 236                  | 284                                    | 48              | 5                | 6                                | 11                       |
| PERSONNEL, TRAINING, LABOR RELATIONS SPECIALISTS | 915                  | 1,119                                  | 204             | 20               | 13                               | 33                       |
| PEST CONTROLLERS AND ASSISTANTS                  | 34                   | 48                                     | 14              | 1                | 1                                | 2                        |
| PETROLEUM ENGINEERS                              | 50                   | 36                                     | -14             | -1               | 1                                | 1                        |
| PETROLEUM PUMP SYSTEM OPERATORS                  | 7                    | 6                                      | -1              | 0                | 0                                | 0                        |
| PETROLEUM REFINERY OPERATORS                     | 147                  | 123                                    | -24             | -2               | 4                                | 4                        |
| PETROLEUM TECHNICIANS & TECHNOLOGISTS            | 17                   | 17                                     | 0               | 0                | 0                                | 0                        |
| PHARMACISTS                                      | 657                  | 807                                    | 150             | 15               | 9                                | 24                       |
| PHARMACY ASSISTANTS                              | 102                  | 127                                    | 25              | 3                | 1                                | 4                        |
| PHARMACY TECHNICIANS                             | 105                  | 128                                    | 23              | 2                | 1                                | 3                        |
| PHOTOGRAPHERS                                    | 270                  | 323                                    | 53              | 5                | 6                                | 11                       |
| PHOTOGRAPHIC PROCESS WORKERS                     | 17                   | 17                                     | 0               | 0                | 1                                | 1                        |
| PHOTOGRAPHIC PROCESSING MACHINE OPERATORS        | 203                  | 285                                    | 82              | 8                | 6                                | 14                       |
| PHYSICAL THERAPISTS                              | 633                  | 764                                    | 131             | 13               | 9                                | 22                       |
| PHYSICAL & CORRECTIVE THERAPY ASSISTANTS         | 243                  | 301                                    | 58              | 6                | 2                                | 8                        |
| PHYSICIAN ASSISTANTS                             | 64                   | 79                                     | 15              | 2                | 1                                | 3                        |
| PHYSICIANS                                       | 1,541                | 1,698                                  | 157             | 16               | 26                               | 42                       |
| PHYSICS TEACHERS, POSTSECONDARY                  | 49                   | 55                                     | 6               | 1                | 1                                | 2                        |
| PIPE LAYERS                                      | 169                  | 176                                    | 7               | 1                | 2                                | 3                        |
| PIPELAYING FITTERS                               | 35                   | 38                                     | 3               | 0                | 0                                | 0                        |
| PLASTERERS                                       | 26                   | 29                                     | 3               | 0                | 1                                | 1                        |
| PLASTIC MOLDING & CASTING MACHINE OPERATORS      | 50                   | 69                                     | 19              | 2                | 1                                | 3                        |
| PLASTIC MOLDING, CASTING OPERATORS               | 21                   | 39                                     | 18              | 2                | 1                                | 3                        |
| PLUMBERS, PIPE FITTERS, STEAMFITTERS             | 1,475                | 1,773                                  | 298             | 30               | 33                               | 63                       |
| PODIATRISTS                                      | 40                   | 47                                     | 7               | 1                | 1                                | 2                        |
| POLICE AND DETECTIVE SUPERVISORS                 | 109                  | 113                                    | 4               | 0                | 5                                | 5                        |
| POLICE DETECTIVES                                | 77                   | 81                                     | 4               | 0                | 3                                | 3                        |
| POLICE PATROL OFFICERS                           | 811                  | 849                                    | 38              | 4                | 28                               | 32                       |
| POSTAL MAIL CARRIERS                             | 889                  | 879                                    | -10             | -1               | 18                               | 18                       |
| POSTAL SERVICE CLERKS                            | 533                  | 527                                    | -6              | -1               | 12                               | 12                       |
| POSTMASTERS, MAIL SUPERINTENDENT                 | 333                  | 329                                    | -4              | 0                | 5                                | 5                        |
| POWER DISTRIBUTORS & DISPATCHERS                 | 52                   | 53                                     | 1               | 0                | 1                                | 1                        |
| POWER GENERATING PLANT OPERATORS                 | 195                  | 221                                    | 26              | 3                | 5                                | 8                        |
| POWERHOUSE & RELAY ELECTRICIANS                  | 27                   | 29                                     | 2               | 0                | 1                                | 1                        |
| PRECISION DETAIL DESIGN DECORATORS & PAINTERS    | 61                   | 102                                    | 41              | 4                | 1                                | 5                        |
| PRECISION INSPECTORS, TESTERS, GRADERS           | 31                   | 42                                     | 11              | 1                | 1                                | 2                        |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                             | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| PRECISION INSTRUMENT REPAIRERS                 | 70                   | 63                                     | -7              | -1               | 1                                | 1                        |
| PRESSERS, DELICATE FABRICS                     | 69                   | 72                                     | 3               | 0                | 2                                | 2                        |
| PRESSERS, HAND                                 | 36                   | 38                                     | 2               | 0                | 1                                | 1                        |
| PRESSING MACHINE OPERATORS, TEXTILES           | 104                  | 110                                    | 6               | 1                | 3                                | 4                        |
| PRINTING PRESS MACHINE OPERATORS               | 233                  | 289                                    | 56              | 6                | 5                                | 11                       |
| PROCUREMENT CLERKS                             | 237                  | 305                                    | 68              | 7                | 5                                | 12                       |
| PRODUCERS, DIRECTORS, ACTORS, ENTERTAINERS     | 161                  | 206                                    | 45              | 5                | 3                                | 8                        |
| PRODUCTION INSPECTORS, GRADERS                 | 237                  | 248                                    | 11              | 1                | 5                                | 6                        |
| PRODUCTION, EXPEDITING CLERKS                  | 177                  | 229                                    | 52              | 5                | 4                                | 9                        |
| PROOFREADERS AND COPY MARKERS                  | 61                   | 71                                     | 10              | 1                | 1                                | 2                        |
| PROPERTY & REAL ESTATE MANAGERS                | 783                  | 889                                    | 106             | 11               | 9                                | 20                       |
| PRUNERS                                        | 54                   | 79                                     | 25              | 3                | 1                                | 4                        |
| PSYCHIATRIC AIDES                              | 30                   | 38                                     | 8               | 1                | 0                                | 1                        |
| PSYCHIATRIC TECHNICIANS                        | 61                   | 76                                     | 15              | 2                | 1                                | 3                        |
| PSYCHOLOGISTS                                  | 1,127                | 1,419                                  | 292             | 29               | 7                                | 36                       |
| PUBLIC RELATIONS SPECIALISTS                   | 543                  | 712                                    | 169             | 17               | 10                               | 27                       |
| PUMP OPERATORS                                 | 8                    | 8                                      | 0               | 0                | 0                                | 0                        |
| PURCHASING AGENTS EXCEPT WHOLESALE/RETAIL/FARM | 448                  | 496                                    | 48              | 5                | 9                                | 14                       |
| PURCHASING AGENTS & BUYERS, FARM PRODUCTS      | 247                  | 261                                    | 14              | 1                | 5                                | 6                        |
| PURCHASING MANAGERS                            | 465                  | 558                                    | 93              | 9                | 8                                | 17                       |
| RADIO MECHANICS                                | 48                   | 53                                     | 5               | 1                | 1                                | 2                        |
| RADIO OPERATORS                                | 106                  | 142                                    | 36              | 4                | 2                                | 6                        |
| RADIOLOGIC TECHNICIANS                         | 242                  | 294                                    | 52              | 5                | 4                                | 9                        |
| RADIOLOGIC TECHNOLOGISTS                       | 336                  | 414                                    | 78              | 8                | 5                                | 13                       |
| RAIL YARD ENGINEERS, DINKEY OPERATORS          | 21                   | 20                                     | -1              | 0                | 0                                | 0                        |
| RAILCAR REPAIRERS                              | 195                  | 185                                    | -10             | -1               | 6                                | 6                        |
| RAILROAD AND TRANSIT POLICE                    | 9                    | 8                                      | -1              | 0                | 0                                | 0                        |
| RAILROAD BRAKE, SIGNAL, SWITCH OPERATORS       | 371                  | 360                                    | -11             | -1               | 3                                | 3                        |
| RAILROAD CONDUCTORS, YARDMASTERS               | 352                  | 391                                    | 39              | 4                | 3                                | 7                        |
| RAIL-TRACK LAYING EQUIPMENT OPERATORS          | 239                  | 217                                    | -22             | -2               | 3                                | 3                        |
| REAL ESTATE APPRAISERS                         | 210                  | 257                                    | 47              | 5                | 3                                | 8                        |
| REAL ESTATE CLERKS                             | 45                   | 58                                     | 13              | 1                | 1                                | 2                        |
| RECEPTIONISTS & INFORMATION CLERKS             | 2,808                | 3,428                                  | 620             | 62               | 45                               | 107                      |
| RECREATION WORKERS                             | 351                  | 440                                    | 89              | 9                | 4                                | 13                       |
| RECREATIONAL THERAPISTS                        | 131                  | 163                                    | 32              | 3                | 2                                | 5                        |
| REFUSE COLLECTORS                              | 315                  | 315                                    | 0               | 0                | 5                                | 5                        |
| REGISTERED NURSES                              | 6,884                | 8,458                                  | 1,574           | 157              | 94                               | 251                      |
| REINFORCING METAL WORKERS                      | 65                   | 83                                     | 18              | 2                | 1                                | 3                        |
| REPORTERS AND CORRESPONDENTS                   | 453                  | 552                                    | 99              | 10               | 6                                | 16                       |
| RESERVATION & TRANSPORTATION TICKET AGENTS     | 146                  | 188                                    | 42              | 4                | 3                                | 7                        |
| RESIDENTIAL COUNSELORS                         | 952                  | 1,356                                  | 404             | 40               | 15                               | 55                       |
| RESPIRATORY THERAPISTS                         | 275                  | 339                                    | 64              | 6                | 4                                | 10                       |
| ROASTING, DRYING OPERATORS, FOOD               | 7                    | 5                                      | -2              | 0                | 0                                | 0                        |
| ROOFERS                                        | 749                  | 974                                    | 225             | 23               | 11                               | 34                       |
| ROTARY DRILL OPERATORS                         | 51                   | 34                                     | -17             | -2               | 0                                | 0                        |
| ROUSTABOUTS                                    | 177                  | 119                                    | -58             | -6               | 2                                | 2                        |
| SAFETY ENGINEERS, EXCEPT MINING                | 28                   | 30                                     | 2               | 0                | 1                                | 1                        |
| SALES AGENTS, ADVERTISING                      | 1,016                | 1,325                                  | 309             | 31               | 16                               | 47                       |
| SALES AGENTS, BUSINESS SERVICES                | 652                  | 861                                    | 209             | 21               | 10                               | 31                       |
| SALES AGENTS, REAL ESTATE                      | 2,584                | 2,977                                  | 393             | 39               | 40                               | 79                       |
| SALES ENGINEERS                                | 79                   | 142                                    | 63              | 6                | 2                                | 8                        |
| SALES REPS, SCIENTIFIC & RELATED               | 716                  | 853                                    | 137             | 14               | 15                               | 29                       |
| SALESPERSONS, PARTS                            | 1,652                | 2,067                                  | 415             | 42               | 50                               | 92                       |
| SALESPERSONS, RETAIL                           | 17,299               | 21,793                                 | 4,494           | 449              | 567                              | 1,016                    |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                           | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|----------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| SAWING MACHINE OPERATORS/TENDERS             | 593                  | 505                                    | -88             | -9               | 17                               | 17                       |
| SAWING MACHINE SETTER/OPERATORS              | 99                   | 105                                    | 6               | 1                | 3                                | 4                        |
| SCANNER OPERATORS                            | 9                    | 11                                     | 2               | 0                | 0                                | 0                        |
| SCREEN PRINTING MACHINE SETTER/OPERATORS     | 50                   | 59                                     | 9               | 1                | 1                                | 2                        |
| SECRETARIES, EXCEPT LEGAL & MEDICAL          | 8,111                | 9,603                                  | 1,492           | 149              | 175                              | 324                      |
| SECURITIES, FINANCIAL SERVICES SALES         | 974                  | 1,208                                  | 234             | 23               | 12                               | 35                       |
| SEPARATING, FILTERING MACHINE OPERATORS      | 76                   | 61                                     | -15             | -2               | 2                                | 2                        |
| SEPTIC TANK, SEWER SERVICERS                 | 13                   | 15                                     | 2               | 0                | 0                                | 0                        |
| SERVICE STATION ATTENDANTS                   | 1,382                | 1,789                                  | 407             | 41               | 58                               | 99                       |
| SERVICE UNIT OPERATORS                       | 227                  | 168                                    | -59             | -6               | 2                                | 2                        |
| SEWERS, HAND                                 | 5                    | 5                                      | 0               | 0                | 0                                | 0                        |
| SEWING MACHINE OPERATORS, GARMENT            | 357                  | 363                                    | 6               | 1                | 7                                | 8                        |
| SEWING MACHINE OPERATORS, NON-GARMENT        | 344                  | 530                                    | 186             | 19               | 7                                | 26                       |
| SHEET METAL DUCT INSTALLERS                  | 95                   | 123                                    | 28              | 3                | 2                                | 5                        |
| SHEET METAL WORKERS                          | 350                  | 448                                    | 98              | 10               | 9                                | 19                       |
| SHERIFFS AND DEPUTY SHERIFFS                 | 688                  | 727                                    | 39              | 4                | 9                                | 13                       |
| SHIPPING & RECEIVING CLERKS                  | 1,996                | 2,379                                  | 383             | 38               | 25                               | 63                       |
| SIGNAL OR TRACK SWITCH MAINTENANCE WORKERS   | 77                   | 30                                     | -47             | -5               | 2                                | 2                        |
| SLAUGHTERERS AND BUTCHERS                    | 201                  | 132                                    | -69             | -7               | 5                                | 5                        |
| SMALL ENGINE SPECIALISTS                     | 123                  | 130                                    | 7               | 1                | 4                                | 5                        |
| SOCIAL SCIENCE TEACHERS, POSTSECONDARY       | 222                  | 248                                    | 26              | 3                | 6                                | 9                        |
| SOCIAL WORKERS, EXCEPT MEDICAL & PSYCHIATRIC | 1,179                | 1,450                                  | 271             | 27               | 11                               | 38                       |
| SOCIAL WORKERS, MEDICAL & PSYCHIATRIC        | 549                  | 675                                    | 126             | 13               | 5                                | 18                       |
| SOLDERERS AND BRAZERS                        | 14                   | 17                                     | 3               | 0                | 0                                | 0                        |
| SPECIAL AGENTS, INSURANCE                    | 71                   | 82                                     | 11              | 1                | 1                                | 2                        |
| SPEECH PATHOLOGISTS, AUDIOLOGISTS            | 419                  | 477                                    | 58              | 6                | 6                                | 12                       |
| SPOTTERS, DRY CLEANING                       | 55                   | 57                                     | 2               | 0                | 1                                | 1                        |
| SPRAYERS/APPLICATORS                         | 48                   | 70                                     | 22              | 2                | 1                                | 3                        |
| STATEMENT CLERKS                             | 104                  | 105                                    | 1               | 0                | 3                                | 3                        |
| STATION INSTALLERS & REPAIRERS, TELEPHONE    | 60                   | 82                                     | 22              | 2                | 1                                | 3                        |
| STATIONARY ENGINEERS                         | 58                   | 60                                     | 2               | 0                | 2                                | 2                        |
| STATISTICAL CLERKS                           | 130                  | 143                                    | 13              | 1                | 2                                | 3                        |
| STATISTICIANS                                | 13                   | 13                                     | 0               | 0                | 0                                | 0                        |
| STENOGRAPHERS                                | 336                  | 410                                    | 74              | 7                | 7                                | 14                       |
| STOCK CLERKS, SALES FLOOR                    | 3,575                | 4,437                                  | 862             | 86               | 79                               | 165                      |
| STOCK CLERKS: STOCKROOM OR WAREHOUSE         | 1,481                | 1,758                                  | 277             | 28               | 33                               | 61                       |
| STONEMASONS                                  | 17                   | 19                                     | 2               | 0                | 0                                | 0                        |
| STRIPPERS, PRINTING                          | 8                    | 9                                      | 1               | 0                | 0                                | 0                        |
| STRUCTURAL METAL WORKERS                     | 38                   | 56                                     | 18              | 2                | 1                                | 3                        |
| SURGICAL TECHNICIANS                         | 205                  | 255                                    | 50              | 5                | 3                                | 8                        |
| SURVEYING AND MAPPING TECHNICIANS            | 344                  | 395                                    | 51              | 5                | 8                                | 13                       |
| SURVEYING & MAPPING SCIENTISTS               | 241                  | 278                                    | 37              | 4                | 6                                | 10                       |
| SWITCHBOARD OPERATORS                        | 580                  | 735                                    | 155             | 16               | 15                               | 31                       |
| SYSTEMS ANALYSTS                             | 494                  | 662                                    | 168             | 17               | 3                                | 20                       |
| TANK CAR AND TRUCK LOADERS                   | 39                   | 32                                     | -7              | -1               | 0                                | 0                        |
| TAPERS                                       | 173                  | 217                                    | 44              | 4                | 6                                | 10                       |
| TAX EXAMINERS, COLLECTORS, REVENUE AGENTS    | 327                  | 357                                    | 30              | 3                | 6                                | 9                        |
| TAX PREPARERS                                | 316                  | 381                                    | 65              | 7                | 4                                | 11                       |
| TAXI DRIVERS AND CHAUFFEURS                  | 441                  | 574                                    | 133             | 13               | 3                                | 16                       |
| TEACHER AIDES & EDUCATIONAL ASSISTANTS       | 1,382                | 1,725                                  | 343             | 34               | 13                               | 47                       |
| TEACHERS AIDES, PARAPROFESSIONAL             | 1,010                | 1,230                                  | 220             | 22               | 10                               | 32                       |
| TEACHERS, ELEMENTARY                         | 7,058                | 7,519                                  | 461             | 46               | 119                              | 165                      |
| TEACHERS, PRESCHOOL & KINDERGARTEN           | 1,433                | 1,847                                  | 414             | 41               | 11                               | 52                       |
| TEACHERS, SECONDARY SCHOOL                   | 5,421                | 6,349                                  | 928             | 93               | 119                              | 212                      |

\*Numbers may not add due to rounding

# MONTANA OCCUPATIONAL EMPLOYMENT

## Job Projections 1996-2006

Ranked Alphabetically by Occupation (Includes Self-Employed)

| Occupational Title                             | Jobs<br>Year<br>1996 | Pro-<br>jected<br>Jobs<br>Year<br>2006 | Total<br>Growth | Annual<br>Growth | Annual<br>Re-<br>place-<br>ments | Annual<br>Open-<br>ings* |
|------------------------------------------------|----------------------|----------------------------------------|-----------------|------------------|----------------------------------|--------------------------|
| TEACHERS, SPECIAL EDUCATION                    | 1,158                | 1,651                                  | 493             | 49               | 12                               | 61                       |
| TEACHERS, VOCATIONAL EDUCATION                 | 932                  | 1,123                                  | 191             | 19               | 4                                | 23                       |
| TECHNICAL ASSISTANTS, LIBRARY                  | 184                  | 207                                    | 23              | 2                | 3                                | 5                        |
| TECHNICAL WRITERS                              | 47                   | 58                                     | 11              | 1                | 1                                | 2                        |
| TELEPHONE & CABLE TV INSTALLERS/REPAIRERS      | 584                  | 758                                    | 174             | 17               | 13                               | 30                       |
| TEXTILE MACHINE OPERATORS                      | 34                   | 30                                     | -4              | 0                | 1                                | 1                        |
| TIRE REPAIRERS AND CHANGERS                    | 610                  | 822                                    | 212             | 21               | 25                               | 46                       |
| TITLE EXAMINERS AND ABSTRACTORS                | 509                  | 787                                    | 278             | 28               | 2                                | 30                       |
| TITLE SEARCHERS                                | 28                   | 33                                     | 5               | 1                | 0                                | 1                        |
| TOOL GRINDERS, FILERS, SHARPENERS              | 128                  | 119                                    | -9              | -1               | 3                                | 3                        |
| TRAFFIC TECHNICIANS                            | 13                   | 13                                     | 0               | 0                | 0                                | 0                        |
| TRANSPORTATION AGENTS                          | 613                  | 789                                    | 176             | 18               | 11                               | 29                       |
| TRANSPORTATION INSPECTORS                      | 97                   | 113                                    | 16              | 2                | 2                                | 4                        |
| TRAVEL AGENTS                                  | 635                  | 849                                    | 214             | 21               | 12                               | 33                       |
| TRAVEL CLERKS                                  | 25                   | 33                                     | 8               | 1                | 0                                | 1                        |
| TRUCK DRIVERS, HEAVY                           | 8,313                | 9,063                                  | 750             | 75               | 136                              | 211                      |
| TRUCK DRIVERS, LIGHT                           | 5,178                | 6,465                                  | 1,287           | 129              | 84                               | 213                      |
| TYPESETTING MACHINE OPERATORS/TENDERS          | 38                   | 45                                     | 7               | 1                | 1                                | 2                        |
| TYPISTS, INCLUDING WORD PROCESSING             | 1,387                | 1,727                                  | 340             | 34               | 23                               | 57                       |
| UNDERWRITERS                                   | 192                  | 215                                    | 23              | 2                | 3                                | 5                        |
| UPHOLSTERERS                                   | 134                  | 163                                    | 29              | 3                | 2                                | 5                        |
| URBAN AND REGIONAL PLANNERS                    | 115                  | 124                                    | 9               | 1                | 2                                | 3                        |
| USHERS, LOBBY ATTENDANTS, TICKET TAKERS        | 59                   | 70                                     | 11              | 1                | 2                                | 3                        |
| U.S. MARSHALLS                                 | 7                    | 7                                      | 0               | 0                | 0                                | 0                        |
| VEHICLE, EQUIPMENT CLEANERS                    | 1,218                | 1,617                                  | 399             | 40               | 20                               | 60                       |
| VENDORS, SOLICITORS, DOOR-TO-DOOR SALES        | 2,701                | 3,537                                  | 836             | 84               | 74                               | 158                      |
| VETERINARIANS & VETERINARIAN INSPECTORS        | 490                  | 674                                    | 184             | 18               | 9                                | 27                       |
| VETERINARY ASSISTANTS                          | 157                  | 228                                    | 71              | 7                | 3                                | 10                       |
| VETERINARY TECH & TECHNOLOGISTS                | 94                   | 136                                    | 42              | 4                | 2                                | 6                        |
| WAITERS AND WAITRESSES                         | 8,970                | 11,983                                 | 3,013           | 301              | 414                              | 715                      |
| WATER & WASTE TREATMENT PLANT OPERATORS        | 251                  | 272                                    | 21              | 2                | 6                                | 8                        |
| WEIGHERS, MEASURERS, CHECKERS                  | 40                   | 40                                     | 0               | 0                | 1                                | 1                        |
| WELDERS AND CUTTERS                            | 1,180                | 1,491                                  | 311             | 31               | 30                               | 61                       |
| WELDING MACHINE OPERATORS                      | 26                   | 42                                     | 16              | 2                | 1                                | 3                        |
| WELDING MACHINE SETTER/OPERATORS               | 26                   | 40                                     | 14              | 1                | 1                                | 2                        |
| WELFARE ELIGIBILITY WORKERS                    | 663                  | 686                                    | 23              | 2                | 9                                | 11                       |
| WELL HEAD PUMPERS                              | 135                  | 89                                     | -46             | -5               | 1                                | 1                        |
| WHOLESALE, RETAIL BUYERS, EXCEPT FARM PRODUCTS | 1,390                | 1,663                                  | 273             | 27               | 38                               | 65                       |
| WOOD MACHINISTS                                | 228                  | 235                                    | 7               | 1                | 5                                | 6                        |
| WOODWORKING MACHINE OPERATORS                  | 642                  | 828                                    | 186             | 19               | 17                               | 36                       |
| WOODWORKING MACHINE SETTER/OPERATORS           | 318                  | 368                                    | 50              | 5                | 9                                | 14                       |
| WRITERS AND EDITORS                            | 1,138                | 1,292                                  | 154             | 15               | 14                               | 29                       |

\*Numbers may not add due to rounding

# **Job Projections for U.S. Occupations, 1996-2006**

## **Occupational Job Projections, 1996-2006**

The U.S. Bureau of Labor Statistics projects a 50.6 million increase in job openings for the nation between 1996 and 2006.

Of those jobs, about 18.6 million will result from an increase in demand for workers in certain occupations, while a much larger number will occur when jobs vacated by workers who leave the labor force or move to other occupations are filled with replacement workers. Generally, openings resulting from replacement needs are far greater than those coming from increased demand. Large occupations that are not expected to show much job growth will generate more jobs than fast-growing smaller occupations.

## **Employment Growth within Occupational Groups**

Employment in professional specialty occupations (e.g., computer engineers, system analysts, teachers, registered nurses, etc.) is projected to increase both at the fastest rate of growth and by the greatest number. The technicians and related support occupations group (e.g., health technicians and technologists, engineering technicians, etc.) is projected to rank second in growth. The services occupations group (e.g., cleaning, food preparation and service, protective services, etc.) is projected to rank third in growth. Together, service and professional specialty occupations, which are on the opposite ends of the educational attainment and earnings spectrum, are expected to provide nearly half of the total job growth in the United States from 1996 to 2006.

## **Occupations with the Largest Job Growth**

Most of the occupations with the largest projected job growth for 1996-2006 are concentrated in retail trade, business services, health services and educational services.

Within retail trade, substantial job growth is expected for marketing and sales worker supervisors; retail salespersons; cashiers; waiters and waitresses; food preparation workers; food counter, fountain and related workers; short-order and fast-food cooks; and food service and lodging managers.

In the business services sector, 3 computer and data processing occupations—database administrators, computer support specialists, and all other computer scientists; computer engineers; and systems analysts—rank high in job growth. Other growth occupations within business services include general managers and top executives; clerical supervisors and managers; and janitors and cleaners, including maids and housekeeping cleaners.

It is expected that the health services sector will provide good job opportunities for registered nurses; nursing aides, orderlies and attendants; medical assistants; home health aides; and personal and home care aides.

Within public and private education, jobs are expected to increase for secondary school teachers; teacher aides and educational assistants; and special education teachers.

In addition, employment for child care workers is expected to continue significant growth.

The table below lists those occupations that are projected to generate the most new jobs due to industry growth (excluding replacement jobs) in the U.S. economy during the 1996-2006 time period.

### U.S. OCCUPATIONS WITH THE LARGEST JOB GROWTH 1996-2006

| (Numbers in thousands of jobs)                                                          | Employment |       | Change           |                |
|-----------------------------------------------------------------------------------------|------------|-------|------------------|----------------|
|                                                                                         | 1996       | 2006  | Numerical Change | Percent Change |
| Cashiers                                                                                | 3,146      | 3,677 | 530              | 17%            |
| Systems analysts                                                                        | 506        | 1,025 | 520              | 103%           |
| General managers and top executives                                                     | 3,210      | 3,677 | 467              | 15%            |
| Registered nurses                                                                       | 1,971      | 2,382 | 411              | 21%            |
| Salespersons, retail                                                                    | 4,072      | 4,481 | 408              | 10%            |
| Truck drivers, light and heavy                                                          | 2,719      | 3,123 | 404              | 15%            |
| Home health aides                                                                       | 495        | 873   | 378              | 76%            |
| Teacher aides and educational assistants                                                | 981        | 1,352 | 370              | 38%            |
| Nursing aides, orderlies and attendants                                                 | 1,312      | 1,645 | 333              | 25%            |
| Receptionists and information clerks                                                    | 1,074      | 1,392 | 318              | 30%            |
| Teachers, secondary school                                                              | 1,406      | 1,718 | 312              | 22%            |
| Child care workers                                                                      | 830        | 1,129 | 299              | 36%            |
| Clerical supervisors and managers                                                       | 1,369      | 1,630 | 262              | 19%            |
| Database administrators, computer support specialists and all other computer scientists | 212        | 461   | 249              | 118%           |
| Marketing and sales worker supervisors                                                  | 2,316      | 2,562 | 246              | 11%            |
| Maintenance repairers, general utility                                                  | 1,362      | 1,608 | 246              | 18%            |
| Food counter, fountain and related workers                                              | 1,720      | 1,963 | 243              | 14%            |
| Teachers, special education                                                             | 407        | 648   | 241              | 59%            |
| Computer engineers                                                                      | 216        | 451   | 235              | 109%           |
| Food preparation workers                                                                | 1,253      | 1,487 | 234              | 19%            |
| Hand packers and packagers                                                              | 986        | 1,208 | 222              | 23%            |
| Guards                                                                                  | 955        | 1,175 | 221              | 23%            |
| General office clerks                                                                   | 3,111      | 3,326 | 215              | 7%             |
| Waiters and waitresses                                                                  | 1,957      | 2,163 | 206              | 11%            |
| Social workers                                                                          | 585        | 772   | 188              | 32%            |
| Adjustment clerks                                                                       | 401        | 584   | 183              | 46%            |
| Cooks, short order and fast food                                                        | 804        | 978   | 174              | 22%            |
| Personal and home care aides                                                            | 202        | 374   | 171              | 85%            |
| Food service and lodging managers                                                       | 589        | 757   | 168              | 28%            |
| Medical assistants                                                                      | 225        | 391   | 166              | 74%            |

Source: U.S. Department of Labor, Bureau of Labor Statistics, MONTHLY LABOR REVIEW, November 1997.

### Occupations with the Largest Job Decline

Projected declines in industry employment and changes in occupational staffing patterns are expected to reduce demand for workers in some occupations over the 1996-2006 period.

Industry employment change is the major reason for projected employment declines for farmers; sewing machine operators, garment; textile draw-out and winding machine operators and tenders; textile machine setters and set-up operators; child-care workers, private household; and cleaners and servants.

Occupations expected to decline because of both industry and occupational structure changes include farmworkers and several telephone industry occupations: station installers and repairers; central office operators; and directory assistance operators.

Primarily affected by occupational structure changes are typists and word processors; payroll and timekeeping clerks; bookkeeping, accounting and auditing clerks; duplicating, mail and other office machine operators; secretaries, except legal and medical; general office clerks; and statistical clerks.

The table below lists those occupations that are projected to lose the most jobs (excluding replacement jobs) in the United States from 1996-2006.

### U.S. OCCUPATIONS WITH THE LARGEST JOB DECLINE 1996-2006

| (Numbers in thousands of jobs)                                                   | Employment |       | Change           |                |
|----------------------------------------------------------------------------------|------------|-------|------------------|----------------|
| Occupation                                                                       | 1996       | 2006  | Numerical Change | Percent Change |
| Sewing machine operators, garment                                                | 453        | 334   | -118             | -26%           |
| Farmers                                                                          | 1,109      | 997   | -112             | -10%           |
| Bookkeeping, accounting and auditing clerks                                      | 2,250      | 2,147 | -102             | -5%            |
| Typists, including word processing                                               | 653        | 552   | -100             | -15%           |
| Secretaries, except legal and medical                                            | 2,881      | 2,794 | -87              | -3%            |
| Cleaners and servants, private household                                         | 505        | 421   | -84              | -17%           |
| Computer operators, except peripheral equipment                                  | 258        | 181   | -77              | -30%           |
| Farmworkers                                                                      | 873        | 798   | -75              | -9%            |
| Duplicating, mail and other office machine operators                             | 196        | 149   | -47              | -24%           |
| Welfare eligibility workers and interviewers                                     | 109        | 76    | -34              | -31%           |
| Textile draw-out and winding machine operators and tenders                       | 183        | 155   | -28              | -15%           |
| Station installers and repairers, telephone                                      | 37         | 10    | -27              | -74%           |
| Child care workers, private household                                            | 275        | 250   | -25              | -9%            |
| Inspectors, testers and graders, precision                                       | 634        | 610   | -24              | -4%            |
| Central office operators                                                         | 48         | 26    | -23              | -47%           |
| Machine tool cutting operators and tenders, metal and plastic                    | 127        | 105   | -22              | -17%           |
| Film strippers, printing                                                         | 26         | 7     | -20              | -75%           |
| Peripheral computer equipment operators                                          | 33         | 17    | -17              | -50%           |
| Directory assistance operators                                                   | 33         | 18    | -16              | -47%           |
| Custom tailors and sewers                                                        | 87         | 73    | -15              | -17%           |
| Textile machine setters and set-up operators                                     | 41         | 27    | -14              | -34%           |
| Highway maintenance workers                                                      | 171        | 158   | -14              | -8%            |
| Statistical clerks                                                               | 78         | 65    | -13              | -17%           |
| Butchers and meatcutters                                                         | 217        | 205   | -12              | -6%            |
| Paste-up workers                                                                 | 15         | 4     | -11              | -75%           |
| Typesetting and composing machine operators and tenders                          | 14         | 3     | -10              | -75%           |
| Drilling and boring machine tool setters and set-up operators, metal and plastic | 46         | 36    | -10              | -22%           |
| Proofreaders and copy markers                                                    | 26         | 16    | -10              | -38%           |
| Lathe and turning machine tool setters and set-up operators, metal and plastic   | 71         | 61    | -10              | -14%           |
| Payroll and timekeeping clerks                                                   | 161        | 151   | -10              | -6%            |

Source: U.S. Department of Labor, Bureau of Labor Statistics, MONTHLY LABOR REVIEW, November 1997.

## Industry Jobs Projection Methodology

The first step in the industry employment projection methodology was to assemble historical employment data, principally at the 2-digit Standard Industrial Classification (SIC) level. The Standard Industrial Classification scheme is a collection of numerical codes used as a standard for compiling economic data by industry. The 2-digit coding level is an intermediate level of detail. (See the first column of the "Factors Used to Project Montana Industry Jobs" table on pages 45-46.)

The data source for the historical employment data was primarily administrative records from the Montana unemployment insurance system. The exceptions to this generalization were self-employment jobs, railroad transportation jobs, and production agriculture (the raising of crops and livestock) wage and salary jobs. The unemployment insurance system does not cover the self-employed, except on a very limited voluntary basis. The state system also does not cover railroad workers. In addition, there is only partial unemployment insurance coverage of production agriculture in Montana. Historical employment information constructed by the Bureau of Economic Analysis (BEA), U.S. Department of Commerce, was used for the self-employed and production agriculture. BEA in turn used Internal Revenue Service tax information to construct their self-employment data series. Information from the 5-year Censuses of Agriculture and from the U.S. Department of Agriculture was used by BEA to estimate jobs for all of production agriculture. Published information on railroad employment estimated as part of the U.S. Bureau of Labor Statistics' Current Employment Statistics Program was used for the railroad industry. For all industries, historical information was available through the year 1996, with many economic sectors having information back to 1961.

The second step in the methodology was to relate employment in a given industry to factors that tend to be associated with change in that industry's employment--such as Montana's population and national employment for the same industry. These and other factors were chosen based on economic theory, and analysts' knowledge of particular industries.

The third step was to estimate the quantitative relationship between a given industry's employment level over time and predictor factors or variables, like population. The statistical technique that was primarily used is called regression analysis. Standard statistical evaluation tools were employed to choose among different sets of variables. In certain industries, the best projection was obtained by trending into the future the industry's historical employment level without relating that level to any predictor variables other than year. The table on pages 45-46 summarizes the factors and other methodological issues for each of Montana's industries.

The fourth step used forecasted levels of predictor variables to project the year 2006 employment level for each Montana industry. For the predictor variable population, the forecasted level of Montana's total population used was that constructed by NPA Data Services (formerly known as the National Planning Association), a longstanding Washington, D.C. research organization. NPA Data Services projects total population (also by age) for all counties and states in the U.S. Particular population age groups were better predictor variables for components of the Montana health care sector and for local government/public education. Forecasted values of population by age were available from NPA Data Services.

For national sector predictor variables, employment projections for counterpart U.S. industries were available from the U.S. Department of Labor's Bureau of Labor Statistics for the year 2006 (published November 1997 in the Monthly Labor Review).

U.S. production indices were useful predictor variables for six mining and manufacturing sectors. Projections of these indices were available from the WEFA Group (formerly Wharton Econometric Forecasting Associates), as well as for U.S. housing starts and gasoline consumption expenditures. The latter two variables were useful in the projection of employment for the wood products manufacturing sector, and the gasoline service stations sector, respectively. Montana personal income was also a useful predictor variable for a few retail trade sectors. The estimation procedure for these retail sectors used NPA Data Services projections of Montana personal income to the year 2006.

Montana building construction employment was an important predictor variable for sectors that are tied to building activity. These included special trade contractors (most special trade employees—such as carpenters, electricians and plumbers—work on buildings). Building construction jobs along with special trade construction also influenced stone and concrete products manufacturing, retail building materials stores, and a portion of wholesale trade.

The fifth step in the methodology consisted of comparing, for each Montana industry, the actual 1996 employment level with the projected 1996 level, using the specific predictor variables for a given sector. The year 2006 projection was then increased or decreased by the amount of the difference between actual and predicted 1996 levels. Some people might call this benchmarking.

The sixth and last step involved comparing the produced projections with similar Montana projections done by other organizations in order to gauge the reasonableness of the generated projections.

No other organization produces wage and salary employment forecasts at the level of industry detail described in this report. However, the Bureau of Economic Analysis, U.S. Department of Commerce, projects industry employment that includes the self-employed for many of the detailed economic sectors included in this document. The sector growth

patterns were generally similar for the two projection efforts. Overall average annual growth for the BEA projections between 1993 (base year for BEA projections) and the year 2005 was 1.6 percent—compared with 1.8 percent for this document’s employment projections, 1996 to 2006.

NPA Data Services also projects industry employment by broad industry groups that include the self-employed. Its November 1997 employment projection averaged 1.6 percent growth between 1996 and 2006. Another research firm, Woods and Poole Economics, Inc., in early 1998 projected a growth rate of 1.5 percent overall for 1995 to 2005 Montana total employment.

All these comparisons support the conclusion that the projections contained in this report are reasonable overall. Because the future is always uncertain, however, individual projections are rarely precisely accurate.

Please refer to the “Factors Used to Project Montana Industry Jobs” table on the following 2 pages for a more specific presentation of the factors used to project Montana industry employment for specific industry sectors and subsectors.



## FACTORS USED TO PROJECT MONTANA INDUSTRY JOBS\*

| SIC CODE** | INDUSTRY                                     | MONTANA<br>TOTAL<br>POPULATION | U. S.<br>SECTOR<br>EMPLOYMENT | YEAR | ADJ.<br>R2*** | OTHER FACTORS,<br>OTHER METHODOLOGY COMMENTS                                        |
|------------|----------------------------------------------|--------------------------------|-------------------------------|------|---------------|-------------------------------------------------------------------------------------|
|            | <b>WAGE AND SALARY JOBS:</b>                 |                                |                               |      |               |                                                                                     |
|            | <b>AGRICULTURE, FORESTRY, FISHING</b>        |                                |                               |      |               |                                                                                     |
| 01 & 02    | AGRICULTURAL PRODUCTION                      |                                |                               | X    | 0.77          | Data for 1969 forward                                                               |
| 07         | AGRICULTURAL SERVICES                        | X                              |                               |      | 0.86          | Used data for 1975 forward                                                          |
| 08         | FORESTRY                                     |                                |                               |      | NA            | 1996 estimate assumed constant to the year 2006                                     |
| 09         | FISHING, HUNTING & TRAPPING                  |                                |                               | X    | 0.84          |                                                                                     |
|            | <b>MINING</b>                                |                                |                               |      |               |                                                                                     |
| 10         | METAL MINING                                 |                                |                               |      | 0.64          | U.S. production index for precious metals mining; fit relationship 1983 forward     |
| 12         | COAL MINING                                  |                                |                               |      | 0.25          | Western coal production; fit relationship 1972 forward                              |
| 13         | OIL & GAS EXTRACTION                         |                                | X                             |      | 0.79          |                                                                                     |
| 14         | NONMETAL MINING                              |                                |                               | X    | NA            | Double exponentially smoothed time trend                                            |
|            | <b>CONSTRUCTION</b>                          |                                |                               |      |               |                                                                                     |
| 15         | GENERAL BUILDING CONTRACTORS                 | X                              |                               |      | 0.85          | Fit relationship 1982 forward                                                       |
| 16         | HEAVY CONSTRUCTION                           |                                |                               | X    | NA            | Single exponentially smoothed time trend                                            |
| 17         | SPECIAL TRADE CONTRACTORS                    |                                |                               | X    | 0.83          | Montana general building contractors (SIC 15)                                       |
|            | <b>MANUFACTURING</b>                         |                                |                               |      |               |                                                                                     |
| 20         | FOOD PRODUCTS                                |                                |                               | X    | 0.81          | 1977 forward                                                                        |
| 22         | TEXTILE MILL PRODUCTS                        |                                |                               |      | NA            | 1996 estimate assumed constant to the year 2006                                     |
| 23         | APPAREL PRODUCTS                             |                                | X                             |      | 0.82          |                                                                                     |
| 24         | LUMBER & WOOD PRODUCTS                       |                                |                               |      | 0.52          | U.S. housing starts; U.S. production index for wood products; 1977 forward          |
| 25         | FURNITURE & FIXTURES                         |                                |                               |      | 0.87          | U.S. production index for furniture manufacturing; 1977 forward                     |
| 26         | PAPER PRODUCTS                               |                                |                               | X    | 0.82          | 1985 forward                                                                        |
| 27         | PRINTING & PUBLISHING                        | X                              |                               |      | 0.88          |                                                                                     |
| 28         | CHEMICALS                                    |                                |                               |      | NA            | Growth based on the operation of two new plants (silicon & ethanol plants)          |
| 29         | PETROLEUM PRODUCTS                           |                                |                               | X    | 0.77          |                                                                                     |
| 30         | RUBBER & PLASTICS                            |                                |                               |      | 0.63          | U.S. production index for rubber and plastic products manufacturing                 |
| 31         | LEATHER PRODUCTS                             | X                              |                               |      | 0.54          |                                                                                     |
| 32         | STONE, CLAY & GLASS PRODUCTS                 |                                | X                             |      | 0.59          | Montana SIC 15 + SIC 17 construction employment                                     |
| 33         | PRIMARY METALS                               |                                | X                             |      | 0.90          | 1981 forward                                                                        |
| 34         | FABRICATED METALS                            | X                              |                               |      | 0.84          |                                                                                     |
| 35         | INDUSTRIAL MACHINERY                         |                                |                               |      | 0.90          | U.S. production index for industrial machinery manufacturing                        |
| 36         | ELECTRONIC EQUIPMENT                         |                                | X                             | X    | 0.70          |                                                                                     |
| 37         | TRANSPORTATION EQUIPMENT                     |                                |                               | X    | 0.82          | Trend 1980 forward                                                                  |
| 38         | INSTRUMENTS                                  |                                |                               | X    | 0.80          |                                                                                     |
| 39         | MISC. MANUFACTURING                          |                                |                               |      | 0.67          | U.S. production index for miscellaneous consumer products manufacturing             |
|            | <b>TRANSPORTATION &amp; PUBLIC UTILITIES</b> |                                |                               |      |               |                                                                                     |
| 40         | RAILROADS                                    |                                | X                             |      | 0.95          |                                                                                     |
| 41         | LOCAL PASSENGER TRANSIT                      | X                              |                               |      | 0.89          |                                                                                     |
| 42         | TRUCKING & WAREHOUSING                       | X                              |                               |      | 0.91          |                                                                                     |
| 44         | WATER TRANSPORTATION                         |                                |                               | X    | 0.65          |                                                                                     |
| 45         | AIR TRANSPORTATION                           |                                | X                             |      | 0.90          |                                                                                     |
| 46         | PIPELINES                                    |                                |                               | X    | 0.85          |                                                                                     |
| 47         | TRANSPORTATION SERVICES                      |                                | X                             |      | 0.99          |                                                                                     |
| 48         | COMMUNICATIONS                               |                                |                               |      |               |                                                                                     |
| 481        | --Telephone Communications                   |                                | X                             |      | 0.84          |                                                                                     |
| 482-4, 489 | --Other Communications                       | X                              |                               |      | 0.54          |                                                                                     |
| 49         | UTILITIES                                    |                                | X                             |      | 0.92          |                                                                                     |
|            | <b>WHOLESALE TRADE</b>                       |                                |                               |      |               |                                                                                     |
| 50         | WHOLESALE TRADE (DURABLES)                   |                                |                               |      | 0.61          | Montana mining (ex. oil and gas) + construction + manufacturing; 1980 forward       |
| 51         | WHOLESALE TRADE (NONDURABLES)                | X                              |                               |      | 0.71          | 1975 forward                                                                        |
|            | <b>RETAIL TRADE</b>                          |                                |                               |      |               |                                                                                     |
| 52         | BUILDING MATERIALS                           |                                |                               |      | 0.58          | Montana employment in SIC 15 + SIC 17                                               |
| 53         | GENERAL MERCHANDISE                          |                                |                               |      | 0.86          | Montana personal income; 1975 forward                                               |
| 54         | FOOD STORES                                  | X                              |                               |      | 0.92          |                                                                                     |
| 55         | AUTO DEALERS & SERVICE STATIONS              |                                |                               |      |               | Sum of its separately projected components                                          |
| 551 & 552  | --Car Dealers                                |                                |                               |      | 0.77          | Montana personal income (constant \$); 1981 forward                                 |
| 553        | --Auto Parts                                 | X                              |                               |      | 0.94          |                                                                                     |
| 554        | --Service Stations                           |                                |                               |      | 0.90          | U.S. gasoline consumption & Montana personal income, both constant \$, 1977 forward |
| 555-559    | --Other Dealers                              | X                              |                               |      | 0.84          | 1981 forward                                                                        |
| 56         | CLOTHING STORES                              | X                              |                               |      | 0.76          |                                                                                     |
| 57         | FURNITURE STORES                             | X                              |                               |      | 0.93          |                                                                                     |
| 58         | EATING & DRINKING PLACES                     | X                              |                               |      | 0.97          |                                                                                     |
| 59         | MISCELLANEOUS RETAIL                         | X                              |                               |      | 0.95          |                                                                                     |

## FACTORS USED TO PROJECT MONTANA INDUSTRY JOBS\*

| SIC CODE**  | INDUSTRY                                    | MONTANA<br>TOTAL<br>POPULATION | U.S.<br>SECTOR<br>EMPLOYMENT | YEAR | ADJ.<br>R2*** | OTHER FACTORS,<br>OTHER METHODOLOGY COMMENTS            |
|-------------|---------------------------------------------|--------------------------------|------------------------------|------|---------------|---------------------------------------------------------|
|             | <b>FINANCE, INSURANCE &amp; REAL ESTATE</b> |                                |                              |      |               |                                                         |
| 60          | DEPOSITORY INSTITUTIONS                     |                                | X                            |      | 0.92          |                                                         |
| 61          | NON-DEPOSITORY INSTITUTIONS                 | X                              |                              |      | 0.93          |                                                         |
| 62          | SECURITY BROKERS                            |                                | X                            |      | 0.95          |                                                         |
| 63          | INSURANCE CARRIERS                          | X                              |                              |      | 0.79          |                                                         |
| 64          | INSURANCE AGENTS                            | X                              |                              |      | 0.94          |                                                         |
| 65          | REAL ESTATE                                 | X                              |                              |      | 0.98          |                                                         |
| 67          | HOLDING COMPANIES                           |                                | X                            |      | 0.70          | 1970 forward                                            |
|             | <b>SERVICES</b>                             |                                |                              |      |               |                                                         |
| 70          | HOTELS & LODGING                            | X                              |                              |      | 0.91          | 1970 forward                                            |
| 72          | PERSONAL SERVICES                           |                                | X                            |      | 0.57          |                                                         |
| 73          | BUSINESS SERVICES                           |                                | X                            |      | 0.96          |                                                         |
| 75          | AUTO REPAIR                                 |                                | X                            |      | 0.95          |                                                         |
| 76          | MISCELLANEOUS REPAIR                        |                                | X                            |      | 0.95          |                                                         |
| 78          | MOTION PICTURES                             |                                | X                            |      | 0.88          |                                                         |
| 79          | AMUSEMENT & RECREATION                      |                                | X                            |      | 0.96          |                                                         |
| 80          | PRIVATE HEALTH SERVICES                     |                                |                              |      |               | Sum of its separately projected components              |
| 801         | --Medical Doctors' Offices                  |                                | X                            |      | 0.95          |                                                         |
| 805         | --Long-Term Care                            |                                |                              |      | 0.95          | Montana population--75 & over segment only              |
| 806         | --Hospitals                                 |                                |                              |      | 0.97          | Montana population--65 & over segment only              |
| 802-4,807-9 | --Other Health Services                     |                                | X                            |      | 0.96          |                                                         |
| 81          | LEGAL SERVICES                              |                                | X                            |      | 0.99          |                                                         |
| 82          | PRIVATE EDUCATIONAL SERVICES                | X                              |                              |      | 0.74          |                                                         |
| 83          | SOCIAL SERVICES                             |                                | X                            |      | 0.95          |                                                         |
| 84          | MUSEUMS                                     |                                | X                            |      | 0.98          |                                                         |
| 86          | MEMBERSHIP ORGANIZATIONS                    | X                              |                              |      | 0.78          | 1975 forward                                            |
| 87          | ENGINEERING & ACCOUNTING                    | X                              |                              |      | 0.96          |                                                         |
| 88          | HOUSEHOLDS (Domestic Service)               |                                |                              | X    | 0.98          | 1975 forward                                            |
| 89          | SERVICES (Not Otherwise Classified)         | X                              |                              |      | 0.85          |                                                         |
|             | <b>GOVERNMENT</b>                           |                                |                              |      |               |                                                         |
|             | FEDERAL GOVERNMENT                          |                                | X                            |      | 0.52          |                                                         |
| 43          | --U.S. Postal Service                       |                                | X                            |      | 0.69          |                                                         |
| 806         | --Hospitals                                 |                                |                              | X    | NA            | Double exponentially smoothed trend; 1982 forward       |
|             | --Other Federal Government                  |                                |                              |      | NA            | By subtraction                                          |
|             | STATE GOVERNMENT                            |                                |                              |      |               | Sum of its separately projected components              |
| 805         | --Long-Term Care                            |                                |                              |      | NA            | Used growth rate for private long-term care             |
| 806         | --Hospital                                  |                                |                              |      | NA            | Based on restructuring plan                             |
| 82          | --Education                                 | X                              |                              |      | 0.91          | 1988 forward                                            |
|             | --Other State Government                    | X                              |                              |      | 0.34          | 1988 forward                                            |
|             | LOCAL GOVERNMENT                            |                                |                              |      |               | Sum of its separately projected components              |
| 805         | --Long-Term Care                            |                                |                              |      | NA            | Used growth rate for private long-term care             |
| 806         | --Hospitals                                 |                                |                              |      | NA            | Uses growth rate for the private hospital sector        |
| 82          | --Education                                 |                                |                              | X    | 0.98          | Montana population--age 5-19 segment only; 1982 forward |
|             | --Other Local Government                    | X                              |                              |      | 0.71          | 1982 forward                                            |
|             | <b>SELF-EMPLOYMENT JOBS:</b>                |                                |                              |      |               |                                                         |
| 01 & 02     | AGRICULTURAL PRODUCTION                     |                                |                              | X    | 0.51          | 1969 forward                                            |
| 07-89       | NON-PRODUCTION AG. SECTORS                  |                                |                              | X    | 0.96          | 1982 forward                                            |
| 07          | AGRICULTURAL SERVICES                       |                                |                              | X    | 0.93          | 1982 forward                                            |
| 08          | FORESTRY                                    |                                |                              |      | NA            | Average of the last 10 years                            |
| 09          | FISHING, HUNTING & TRAPPING                 |                                |                              |      | NA            | Average of the last 10 years                            |
| 10-89       | OTHER NON-PROD. AG. (ex SIC 07-09)          |                                |                              |      | NA            | By subtraction                                          |

NA--Not Applicable

\*Historical Time Period of 1961-1996, unless otherwise noted

\*\*Standard Industrial Classification Code

\*\*\*Measure of the historical fit of the regression line (or plane), adjusted for the length of the historical time period and the number of predictive factors; 1.00 is a perfect fit

Source: Office of Research & Analysis, Montana Department of Labor & Industry

# **Occupational Jobs Projection Methodology**

## **Employment by Occupation**

The main source of occupational information in this publication is the Occupational Employment Statistics (OES) program which surveys Montana's employers over a 3-year period to develop estimated occupational employment by industry type.

The data enables us to build an industry-occupational (I/O) matrix. This I/O matrix is a table arraying the occupational staffing patterns for each industry: i.e., the ratio of employment in each occupation within an industry to the total employment in the industry. For purposes of this report, the OES survey results for 1993-1995 were used to develop industry staffing patterns. Then the staffing patterns were applied to the 1996 base year employment to develop a base year I/O matrix.

## **Projected Employment by Occupation**

Projected employment by occupation is derived by applying the base year I/O matrix to the projected industry employment. Before the I/O matrix is applied it must be modified to take into account those occupations which are expected to undergo technological or structural changes and alter the staffing pattern of those industries the occupations are found in.

This change factor has been developed by the Federal Bureau of Labor Statistics and was applied to the base year I/O matrix to obtain an enhanced base year I/O matrix. The enhanced matrix is applied to the projected industry employment.

## **Job Openings**

This publication also provides an estimate of the number of average annual job openings for each listed occupation. The number of job openings is then broken down into component parts of growth and replacements because job opportunities stem either from net employment growth (an increase in demand for workers in a particular occupation) or from replacement demand (the need to replace workers who have left the labor force).

Average annual job openings due to growth represent the number of new jobs resulting from the projected change in industry employment between the base year and the projected year on an annual basis. Job openings due to replacements differ, though, in that they represent employers' replacement needs. These figures are derived by applying precalculated replacement rates supplied by the U.S. Department of Labor's Bureau of Labor Statistics to the previously determined projected occupational employment.

For most occupations in most states, openings resulting from replacement needs are greater than those generated by increased demand and therefore critical to supplying reliable information many individuals and organizations use to make informed decisions on career choices, educational programs offered and training programs funded.

These replacements occur when people leave the labor force (e.g., retirements, return to school, quitting work to raise children, or death). They also represent the net effect of transfers to new occupations. Replacement rates vary significantly among occupational groups and have been determined as a result of national studies by the Bureau of Labor Statistics.

### **Limitation**

Using percentages to reflect changes in industrial or occupational employment can at times be misleading. If the base number being used is quite small, large percentage swings are possible. For instance, an occupation may show a startling 100 percent growth rate, but in actuality may have only gone from a base employment of 10 to a projected employment of 20.



# Montana Job Service Locations

## ANACONDA

307 East Park  
Anaconda, MT 59711  
(406-563-3444)

## FLATHEAD

427 1st Ave. E.  
Kalispell, MT 59901  
(406-758-6200)

## HELENA

715 Front St.  
Helena, MT 59601  
(406-447-3200)

## LAKE COUNTY JOB SERVICE CENTER

417-B Main St.  
P. O. Box 970  
Polson, MT 59860  
(406-883-5261)

## BILLINGS

2121-B Rosebud Dr.  
Billings, MT 59102-6274  
(406) 652-3080

## NORTHEAST MONTANA

JOB SERVICE  
238 2nd Ave. S.  
Glasgow, MT 59230  
(406-228-9369)

## LEWISTOWN

300 1st Ave. N.  
Lewistown, MT 59457  
(406-538-8701)

## SHELBY

402 1st St. S.  
Shelby, MT 59474  
(406-434-5161)

## BOZEMAN

121 N. Willson  
Bozeman, MT 59715  
(406-582-9200)

## GLENDIVE

211 S. Kendrick  
Glendive, MT 59330  
(406-365-3314)

## LIBBY

417 Mineral Ave./Suite 4  
Libby, MT 59923  
(406-293-6282)

## SIDNEY

211 N. Central  
Sidney, MT 59270  
(406-482-1204)

## BUTTE

2201 White Blvd.  
P.O. Box 3528  
Butte, MT 59702  
(406-494-0300)

## GREAT FALLS

1018 7th St. S.  
Great Falls, MT 59405  
(406-791-5800)

## LIVINGSTON

228 S. Main  
P.O. Box 1199  
Livingston, MT 59047  
(406-222-0520)

## SANDERS COUNTY JOB SERVICE CENTER

608 Main St.  
P. O. Box 669  
Thompson Falls, MT 59873  
(406-827-3472)

## CUT BANK

1210 E. Main  
Cut Bank, MT 59427  
(406-873-2191)

## BITTERROOT

333 W. Main St.  
Hamilton, MT 59840  
(406-363-1822)

## MILES CITY

12 N. 10th St.  
P.O. Box 1786  
Miles City, MT 59301  
(406-232-8340)

## NORTHEAST MONTANA JOB SERVICE

217 3rd Ave. S.  
Wolf Point, MT 59201  
(406-653-1720)

## DILLON

730 N. Montana  
P.O. Box 1300  
Dillon, MT 59725  
(406-683-4259)

## HAVRE

416 1st St.  
Havre, MT 59501  
(406-265-5847)

## MISSOULA

539 S. 3rd St. W.  
P.O. Box 5027  
Missoula, MT 59806  
(406-728-7060)

750 copies of this public document were published at an estimated cost of \$1.40 per copy, for a total cost of \$1,050.00, which includes \$1,050.00 for printing and \$.00 for distribution.

Return in 5 days to:  
Office of Research & Analysis  
Department of Labor & Industry  
P.O. Box 1728  
Helena MT 59624-1728

---

Official Business  
Penalty for Private Use  
\$300